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# BRECK'S

• 85 STATE STREET • BOSTON • & •  
• LEXINGTON • MASSACHUSETTS •

1929

*Everything for Farm  
Garden & Lawn*

D. N. Shoemaker  
Vegetable Seed Trials

FEB. 2, 1929

# INDEX

## TO THE MAIN DIVISIONS OF THIS CATALOGUE

A Detailed Index will be Found on  
Pages 191 and 192

### Breck's Radio Garden Talks

Within the past year the Radio Public have so unmistakably registered their approval of the Breck's Radio Garden Talks that for the year 1929 a schedule of weekly broadcasts has been inaugurated.

Unless circumstances,—over which we have no control,—make a change of broadcasting hour necessary, Breck's Radio Garden Talks will continue to be heard each Sunday Evening at 7.30 P.M. from Station WEEI Boston. Join Breck's Radio Garden Club! To do so, just tune in at 7.30 P.M. each Sunday Evening and remember

"Breck's Seeds are Tested."

### Employment Registry

As a service to our many customers we maintain a Registry which supplies Superintendents, Gardeners, General Farm and Garden Help, Dairymen, Poultrymen, and Greenskeepers. We always have in our files names of reliable men who are seeking positions. Many of these men are personally known to our representatives and we are pleased to recommend them. This service is free of any obligation or charge to either party.

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### Centennial Flower Show

Within a few weeks of the time that this new catalogue reaches you the largest Flower Show that has ever been staged in New England will be held in Mechanics Building, Boston. The dates of the Centennial Show are March 19-23. We most earnestly urge all of our customers to visit this mammoth Flower Show which is being held to commemorate the One Hundredth Anniversary of the founding of the Massachusetts Horticultural Society. We will be large exhibitors at the Centennial Flower Show as well as at other Shows in 1929 and we will be pleased to have you visit us at our several booths where a warm welcome will always await you.

### Massachusetts Horticultural Society Shows in 1929

Centennial Flower Show: March 19-23; Iris Show: June 15-16; Rose Show: June 22-23; Gladiolus Show, August 24-25; Dahlia Show: September 14-15; Grand Autumn Exhibition: October 30-November 3.

All of the above Shows with the exception of the Centennial Flower Show will be held at Horticultural Hall, Boston, Mass.

### BRECK'S LANDSCAPE AND GARDEN SERVICE DEPARTMENTS

Correct Landscape Design is the first step in properly developing a piece of land for private pleasure or public satisfaction. Our Landscape and Garden Service Departments have been established to meet the demands of home owners who are looking for expert advice not only in the way of Landscape Design but also relative to the correct planting material to fit individual needs.

Our Landscape Department at Lexington can handle capably and at moderate cost any problem of a Landscape or Planting nature regardless of size. This Landscape Department is under the direction of Mr. A. Chandler Manning, a highly trained and capable Landscape Architect.

Our Garden Service Department which coordinates its work in every way with that of the larger Landscape Department offers expert advice on any garden problem of moderate size whether it be planning, remodeling, planting, cultivation, or pest control.

Miss Sally Service, a graduate Landscape Gardener, heads the Garden Service Department and her services are available by appointment either at 85 State Street, Boston, or at any reasonably accessible point. Free appointments can be made for consultation at the office or where out of town appointments are necessary mileage only is charged at a flat rate of ten cents per mile. Where blue print plans are called for they are charged at moderate rates. Simple sketch plans are free. Both departments charge on an established basis for superintendence of garden development or planting.

1818

# FOREWORD

1929

A RAPIDLY growing interest in Horticulture, coupled with active participation by property owners in the development of their own home grounds, has placed the foremost seedsmen of the country in the position of being not only merchants in Seeds, Plants and Bulbs, etc., but a source of information where all who are interested in horticultural and agricultural matters may come for advice.

In line with this idea of SEEDS PLUS SERVICE we present to you our New Catalogue, in which we have incorporated as much helpful matter in the way of descriptions, cultural directions, and references to books of outstanding merit as space permits.

We hope that you will make use of this New 1929 Catalogue and that it will be genuinely helpful to you in planning your garden, for we flatter ourselves that it is more than just a seed catalogue. It is really a Guide Book in horticultural matters to be kept by you throughout the year.

Our purpose in sending you this New Catalogue is most certainly to sell you seeds, for that is our business, but the actual selling of seeds is only a part of our purpose. We take pride in supplying you with your garden requirements,—seeds, plants, and all the other things that go to creating a garden,—and it is our hope that they will do us credit and that they will give you every satisfaction. If you need help or advice about your garden, no matter what it is, we are always at your service, and it will be a very real pleasure at all times to advise you to the best of our ability.

In the succeeding pages we have marked with a ♦ those varieties which we know from experience possess the all important characteristics of Quality, Productivity, Vitality, and Good Habit of Growth.

## JOSEPH BRECK & SONS

LUTHER A. BRECK, PRESIDENT

HAROLD S. ROSS, V.-PRES. & SEC'RY

JOSEPH F. BRECK, TREASURER

RUSSELL O. GARDNER, MGR. SEED DEPT.

*New England's Leading Seed Store and Agricultural Warehouse.*

RETAIL STORE 85 STATE STREET. WAREHOUSE 17-24 LEWIS WHARF. BOSTON.

TELEPHONE CONNECTING ALL DEPARTMENTS: HUBBARD 1662

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## BRECK'S NURSERIES

MUNROE STATION, LEXINGTON, MASS.

PETRUS J. VAN BAARDA, GEN'L MGR.

TELEPHONE LEXINGTON 0260

*We issue other free Catalogues as follows:*

Catalogue H Agricultural Implements, Hardware, and Woodenware

Catalogue P Poultry Supplies, Feeds, Remedies, etc.

Catalogue B Autumn Catalogue of Holland Bulbs, issued in the Summer

NOTICE: We give no warranty express or implied as to description, quality, productiveness, or any other matter of any seeds, bulbs, nursery stock, or plants we sell, and will not be in any way responsible for the crop. Joseph Breck & Sons Corporation.



William N. Craig

## IN THE INTEREST OF OUR CUSTOMERS

To promote the better growing of Vegetables both for the table and for exhibition, we have included in this new and completely revised catalogue a series of Cultural Directions written expressly for us by Mr. William N. Craig. In doing so we have felt that in just one more way we could assist our customers in obtaining the very best possible results from the planting of our Prize Winning Strains of Seeds. We refer to our Prize Winning Seeds with very great pride, for during the past year Breck's Seeds, throughout the length and breadth of New England, have once again demonstrated their Quality, their Productivity and their Trueness to Type.

To have been able to get Mr. Craig to write these Cultural Directions for our catalogue is a matter of very distinct satisfaction and pleasure to us.

Mr. Craig for many years now has stood in the foremost ranks of American Horticultural Specialists, and no one has had greater experience or greater success than he in the growing of prize vegetables and flowers for the exhibition table. He is a grower of note, a writer of rare ability, and a judge of the highest order. His contributions to Horticultural Magazines in the United

States and in England are recognized as authoritative and his rank in his profession is indicated by his many years of service as President of the National Association of Gardeners and of the Gardeners' and Florists' Club of Boston.

We consider ourselves very fortunate in having Mr. Craig's cooperation in the preparation of the Vegetable Cultural Directions embodied in this catalogue. We feel no hesitancy in saying that more practical and more exact cultural directions are not available.



Ernest H. Wilson

## DO YOU REALIZE WHY NEW ENGLAND IS THE HORTICULTURAL CENTER OF THE UNITED STATES

New England has the rare distinction of having within its boundaries not only a most unusual group of horticulturists, but also a number of organizations that together make this section the very center of horticultural activity in this country.

The Arnold Arboretum situated within a few miles of the heart of Boston and open to the public every day in the year contains a collection of trees, shrubs and plants that is second to no other collection in the world. The Harvard Botanic Garden represents another world renowned garden spot, and then we have the Massachusetts Horticultural Society, the second oldest Society of its kind in this country functioning actively as to exhibitions and editing and publishing "Horticulture" the leading magazine of its kind in America.

To no individual in the entire horticultural world are we more indebted than we are to Mr. Ernest H. Wilson, Keeper of the Arnold Arboretum. Mr. Wilson's valuable and highly interesting books tell of his plant hunting experiences in far off countries and describe his discoveries of trees, shrubs and plants and their value and adaptability for planting in our gardens. Specimen plants, the results of his remarkable discoveries, grow and thrive under his care at the Arnold Arboretum where all may see them. The privilege of visiting the Arnold Arboretum should be more widely appreciated. It should be visited not once but often, and visitors should realize that in Lexington at Breck's Nurseries many of the new plants referred to in Mr. Wilson's books may now be obtained.

We respectfully call your attention to the following remarkable books for which we are so greatly indebted to Mr. Ernest H. Wilson:

Aristocrats of the Garden .....	\$5.00	Plant Hunting (2 volumes boxed) .....	\$15.00
More Aristocrats of the Garden .....	5.00	America's Greatest Garden .....	3.00

## BRECK'S GARDEN LIBRARY

A complete and up-to-date collection of books embracing many important horticultural and agricultural general and special subjects may be found in our Book Department at 85 State St., Boston. We are constantly adding new titles as the books are published. (See page 166 for list of books revised to January 1, 1929).



**Four Gold  
Medals**

Awarded American Rose Society Gold Medal at Louisville, 1928; the President Coolidge Horticultural Gold Medal at New York, 1928; Gold Medals at Philadelphia and New York Shows, 1928.

**TALISMAN (Montgomery, 1929)**

THE most vividly colored Rose ever introduced and exceptionally easy to grow. Its foliage is very fine and vigorous, untroubled by disease, and the plant grows rapidly and blooms with exceptional freedom. The flowers have much substance and never lose their striking color entirely, although they are lighter than the picture in unfavorable weather.

Words fail in describing the spectacular coloring of this Rose, and we let the picture speak for itself. In intensity and vividness of color, no Rose approaches it.

*Price, \$2.50 each, \$22.50 for ten. Available April 1, 1929*

# BRECK'S SPECIAL DOZEN



Lady Ashtown



Kaiserin Augusta Victoria



Red Radiance



Mrs. Aaron Ward



Duchess of Wellington

"A GROUP OF HYBRID TEA ROSES," selected for range of color, hardiness, and adaptability to this part of the country. They have been carefully selected from a large group of varieties, and have proved to be the best for the majority of gardens. Descriptions may be found in our regular Rose section.

*Price, \$10 for the dozen*



Briarcliff



Mme. Butterfly



Etoile de France



Los Angeles



Mme. Edouard Herriot



Souv. de Claudius Pernet



Radiance

BRECK'S NURSERY : Lexington, Massachusetts



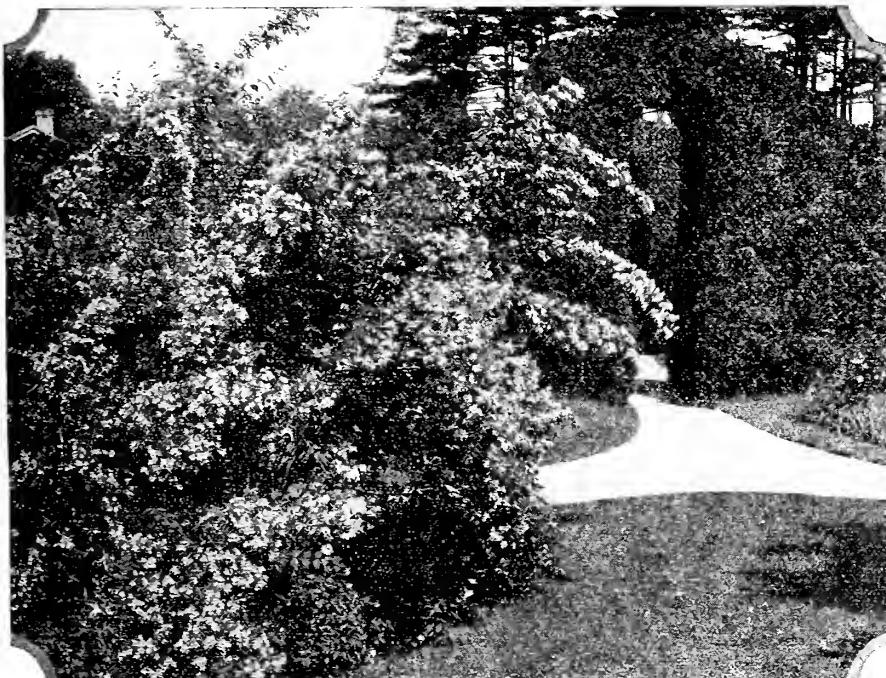
# NURSERY SPECIALTIES



## BLOEMGAARD

A charming spot in our Nursery at Lexington is well worth a visit at any time from April to November. The replica of a Dutch Cottage nestles beside the pond and visitors to this spot during the month of May can see a display of Tulips, each variety carefully named, making easy a choice of varieties for planting in one's own garden. During the Summer months

the Dutch Cottage functions as a Tea House where visitors to the Nursery may enjoy refreshments while seated in the garden which surrounds the Cottage. No more restful spot can be imagined, for towering trees cast their welcome shade over the Cottage garden and the adjacent flower-rimmed pond. The Tea House is open from June 1 to Oct. 1.



Kolkwitzia Amabilis

## KOLKWITZIA AMABILIS "Chinese Beauty Bush"

The Chinese Beauty Bush, introduced sometime ago by Mr. Ernest H. Wilson, keeper of the Arnold Arboretum, is now beginning to attract considerable attention. It is a round, thickly branched compact shrub growing about six to seven feet in height. The main branches are upright, the side branches having a drooping habit. The flowers, similar in shape to those of a Weigela, and borne in thick masses at the end of the previous year's growth, are a most delicate pink with orange spotted throat. Perfectly hardy. Field-grown plants: \$1.50 each, \$14.00 for ten.

Bushy plants: 2 ft. high, \$2.50 each, \$22.50 for ten.

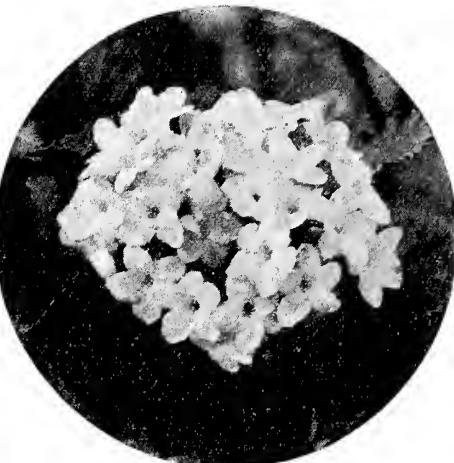


Philadelphus Virginal

### VIBURNUM CARLESI

A rare variety from Korea. Its flowers appear very early, and are 2 to 3 inches across. The color is a delicate pink, passing to white; very fragrant, reminding one of the May-flower. A valuable addition to the Viburnum family.

Bushy specimens  $1\frac{1}{2}$  to 2 ft. high, \$2.50 each; \$22.50 for ten.



Viburnum Carlesii

### PHILADELPHUS VIRGINAL

One of the finest of the Mock Orange family. Flowers are very large, double and fragrant, covering this strong growing variety completely during the month of June, and continuing more or less during the entire season. It has sometimes been called the everblooming Mock Orange.

Strong plants 90c each; \$8.00 for ten.

### COTONEASTER

Although these plants are not new, the Cotoneasters should be used more widely, as they are perfectly hardy, and make beautiful plants with shiny foliage and either black or red berries.

**Cotoneaster horizontalis:** Semi-dwarf in growth about three to four feet. Fruit is bright scarlet.

**Cotoneaster horizontalis adpressa:** A prostrate form of the above, with creeping irregular branches; fruit scarlet.

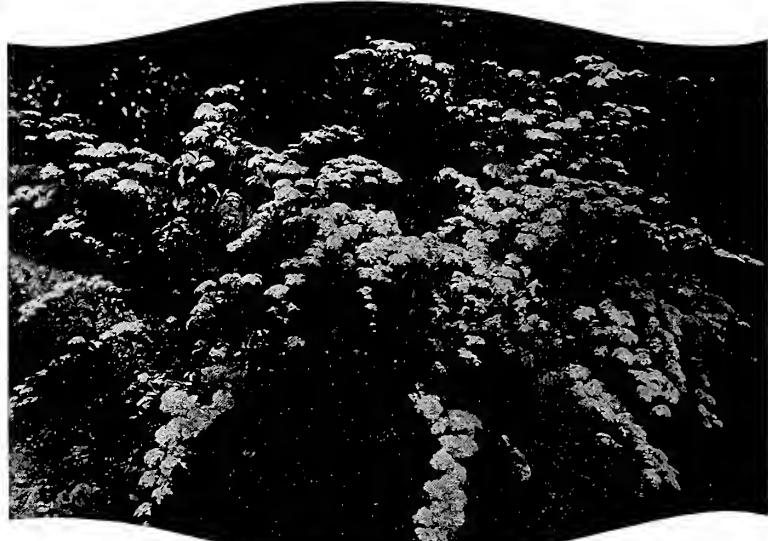
**Cotoneaster Franchettii:** Upright, densely branched shrub, fruit orange red.

Potgrown plants \$1.00 each; \$9.00 for ten.

### SPIRAEA TRICHOCARPA

*Spiraea Trichocarpa* is Korea's fine shrub gift to our gardens. Mr. Ernest H. Wilson, Keeper of the Arnold Arboretum, discovered it in the Diamond Mountains in 1917 and introduced it into cultivation. It is perfectly hardy and it is therefore one of the best and choicest shrubs to plant in the shrubbery border or as a specimen near the house. It forms a somewhat spreading bush, attaining a height of about six feet. The dome-like clusters of snow white flowers appear on long arching stems in the greatest profusion. Those familiar with the more common varieties of *Spiraea* will be enchanted with the glory of this true aristocrat of the *Spiraea* family.

Strong field-grown plants  $2\frac{1}{2}$ -3 ft. \$1.00 each; \$9.00 for ten.



Spiraea Trichocarpa



Aster Mauve Cushion

### ASTER MAUVE CUSHION

This aster forms a round, cushion-like plant 2 to  $2\frac{1}{2}$  ft. across, and seldom over 9 inches high. The flowers, are a soft mauve, with silvery white reflections, they measure over 1 inch across, and cover the whole plant during October and November.

Price each: 35c; \$3.00 for ten.

### DELPHINIUM "HOLLYHOCK FLOWERED"

The chief distinguishing features of this Delphinium are: (1) The extraordinary length and tapering spirelike shape of the flower spikes; (2) The statuesque beauty of the plant as a whole; (3) The indescribably rich and varied tints; (4) The very remarkable extension of the flowering period; (5) Their resemblance to Hollyhocks.

Price each: \$1.00; \$9.00 for ten.

### THE CHRISTMAS ROSE

(Illustrated page 145)

*Helleborus niger*. This lovely little evergreen plant gets its name of Christmas Rose, as it often begins flowering during November and keeps on during the early winter months, although its usual blooming period is during February and March. The flowers are large and pure white, sometimes slightly flushed with purple. An excellent plant for the rock garden.

Price each: \$1.50; \$14.00 for ten.



Delphinium Hollyhock Flowered



Gypsophila Bristol Fairy

### GYPSOPHILA "BRISTOL FAIRY"

The flowers of this new hardy double variety are two or three times as large as those of the older double Baby's Breath. It makes an exceedingly handsome plant, and usually flowers two weeks earlier than the older variety; the flowers are well spaced on strong growing plants. It is practically ever-blooming, as a new crop of flowers will appear when the old flower stalks are cut off. The flowers of this variety may be cut and dried like the Everlastings; and in the dried state they hold their pure white color. Bristol Fairy, planted in front of a Pink Climbing Rose and in conjunction with Delphinium Belladonna creates a most distinctive and beautiful picture.

Price each: \$1.00; \$9.00 for ten.

# BRECK'S FLOWER SEEDS

## NOVELTIES and SPECIALTIES FOR 1929

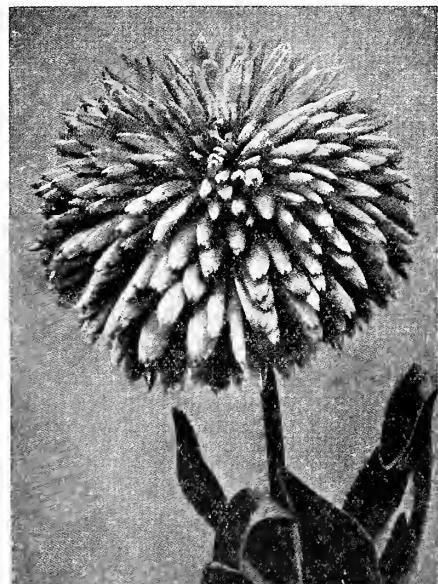


Gen. Joffre

**ASTER****"Breck's Coral Reef"**

A remarkable Aster of the Ostrich Feather type, growing to a height of about one and one half feet and producing full, fluffy, medium sized flowers resembling Japanese Plume Chrysanthemums. The color, a deep coral rose, does not blue and is very pretty and distinct. This Aster is unexcelled for either bedding or cutting. Packet 50c.

It has been some time since a startling "break" has occurred in the Calendula family but in Radio we have an absolutely new form of flower which is bound to become immensely popular. The flowers of this variety are globular in shape and made up of beautifully quilled petals



Calendula Radio

**ASTER****"Breck's Dwarf Quilled"**

A dwarf Aster producing small perfectly formed flowers, the unusual quilled petals of which give a new and striking effect. The plants are of compact form particularly suited to bedding and edging, and each individual plant in itself forms a neat bouquet. We offer this fine Aster in mixture only.

Packet 50c.

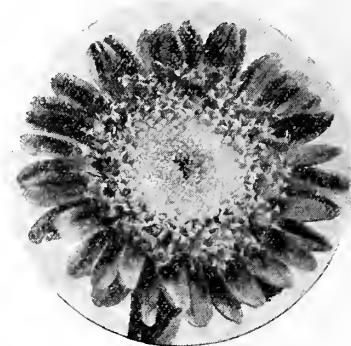
**CALENDULA "Radio"**

appearance quite unlike any other Calendula heretofore introduced. The color of Radio is dark orange but the depth of the flower accentuates this color making this novelty a most interesting subject for the flower garden.

Packet 50c.

**ANCHUSA ANNUAL****"Blue Bird"**

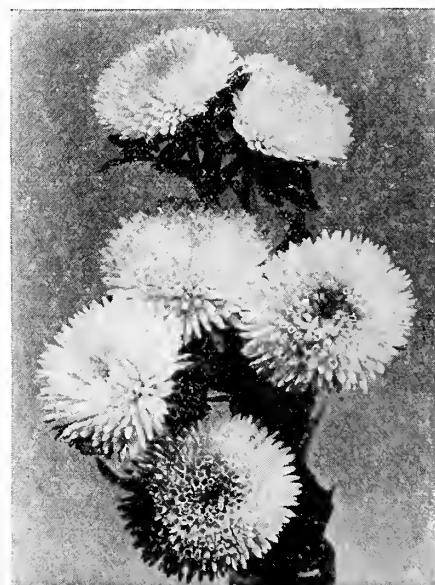
A new variety of Anchusa from which the straggly habit of the older annual varieties has been eliminated. The plant is compact about eighteen inches high and bears its flowers in a luxuriant bouquet at the top. The latter are of vivid indigo blue and produce a brilliant effect in any scheme for beds or borders. Packet, 50c.



Aster—Gen. Joffre

**ASTER****"Delavayi"**

A beautiful Chinese species, close tufts of olive-green foliage, stout naked stems bearing a large solitary flower, the ray florets are very thin and inclined to twist; a delightful lavender-blue with a conspicuous jet-black disc. Before the flower fully develops the ray florets tie themselves across the disc in a striking manner. Packet 50c.



Aster—Breck's Dwarf Quilled



Calendula—Campfire

**CALENDULA "Campfire"**

A new Calendula of vigorous growth, the flowers which are borne on stout stems, are flat and are undoubtedly larger than those of any type previously introduced. The color is a brilliant orange with a scarlet sheen and a full yellow center. Excellent for growing under glass. Packet 50c.

**DIASCIA BARBERAE**

A dwarf growing annual of exceptional merit that deserves much wider cultivation. Few people seem to know it and yet it is deservedly popular and considered quite indispensable by those who have made its acquaintance. It is a hardy annual growing to a height of about nine inches and producing a profusion of flowers on slender stems throughout the entire Summer. The flowers are very dainty resembling somewhat the short spurred types of Columbine. We are pleased this year to be able to offer a new Orange Diascia for the first time. Both varieties make excellent plants for dwarf beds and borders as well as splendid pot plants for conservatory decoration.

Orange. Packet 50c.

Coral Pink. Packet 50c.

**CACALIA Aurea**

An attractive garden plant growing to a height of about eighteen inches and bearing, from July until frost, clusters of small golden yellow flowers on long wiry stems. An excellent subject for use as a cut flower. Packet 15c.

**CACALIA Coccinea**

Similar in habit to Cacalia Aurea but with flowers of a rich burnt orange shade. Cacalia blends beautifully with other cut flowers in mixed bouquets. Packet 15c.



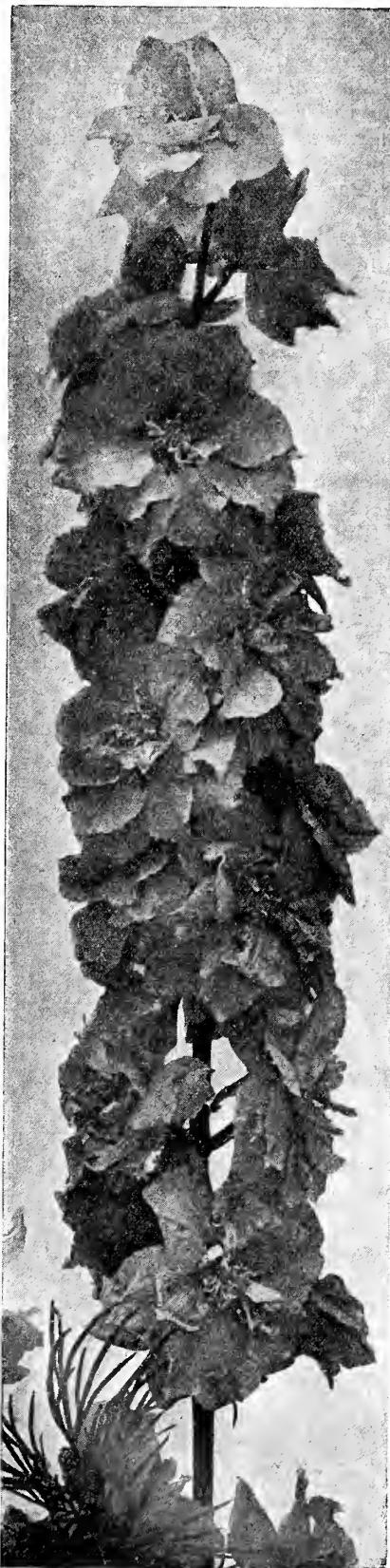
Dahlia Coltness Hybrids

**DAHLIA  
"Coltness Hybrids"**

This splendid class of single Dahlias produces plants of neat compact habit averaging about eighteen inches in height and bearing a full and continuous succession of bloom from July until frost. The colors range from crimson to white embracing delicate shades of pink and rose, as well as yellows, mauve, and shades of scarlet and purple. Visitors to France have been charmed with the dwarf bedding Dahlias that they have seen. These Coltness Hybrids are the ones that they have so much admired. Packet 35c.



Diascia Barberae

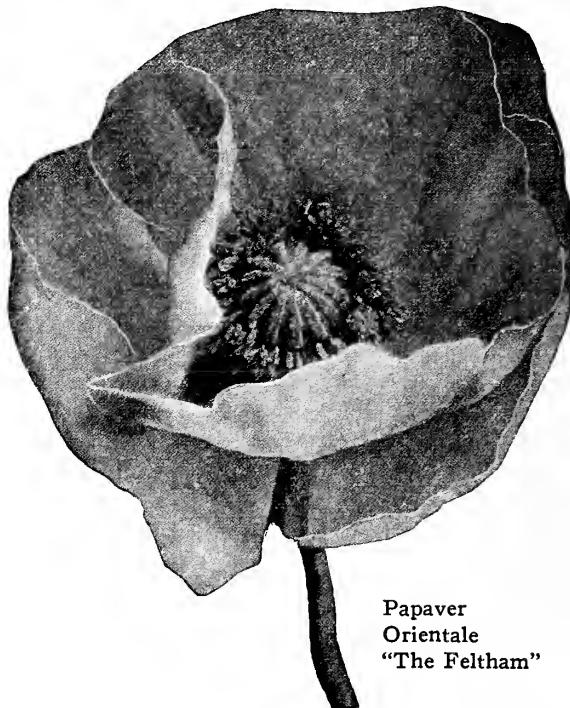


Larkspur—La France

## PAPAVER ORIENTALE

### "The Feltham"

A new strain of the well known Oriental Poppy showing a greater departure from the type than any previously offered. It has nearly all the various shades of the type but is conspicuous in that it does not have the usual black blotch at the base of the petals. We feel that with its brilliant self-colored flowers it has a great future as a decorative border plant and that it will eventually supplant the many hybrids now so widely grown in our gardens. Packet 50c.



Papaver  
Orientale  
"The Feltham"

## PAPAVER NUDICAULE

### Coonara Pink Hybrids

These hybrids are quite a distinct break in the Iceland Poppies, and for the rock garden or for the perennial border they are hard to beat. The plants are extremely floriferous and they provide an endless supply of flowers for garden decoration and for cutting. The colors embrace a great range of orange and salmon shades, the latter being extremely unusual and desirable. Packet 50c.

## HOLLYHOCK DOUBLE—"Imperator"

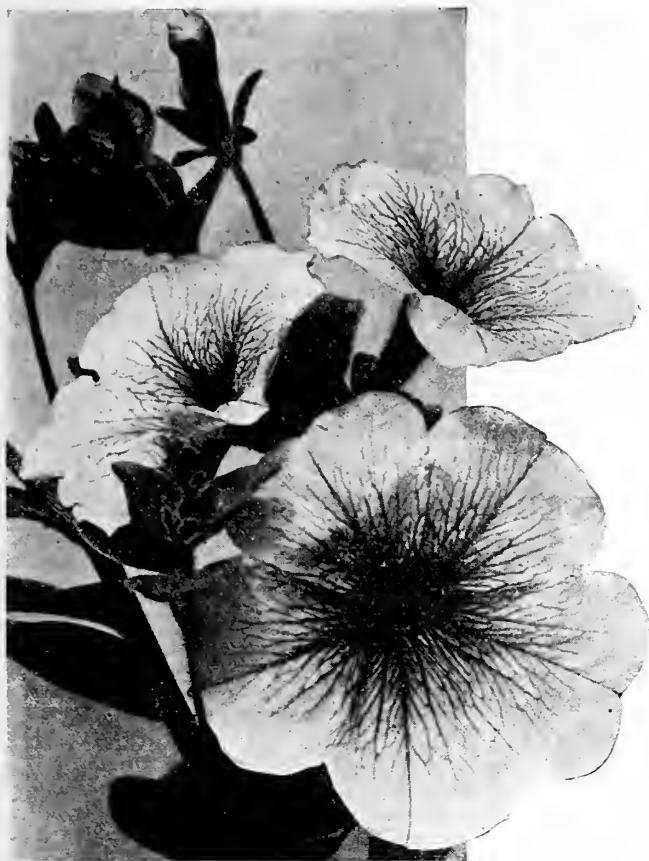
A new Hollyhock of stately appearance bearing immense flowers quite unlike any as yet known. The flowers consist of wide outer petals, elegantly frilled, in the center of which appears a large double rosette; the whole suggesting a gigantic crested Begonia. The rich color display includes many contrasting as well as harmonizing combinations in the individual flowers. Packet 50c.

## LARKSPUR—"Exquisite Pink Improved"

A vastly advanced strain of the annual variety Exquisite Pink retaining the same charming color, delicate soft pink shaded salmon, but with a wonderfully improved upright habit and perfection of form which compares favorably with that of the Perennial Delphinium. Packet 50c.

## LARKSPUR—"La France"

A new Annual Larkspur of more vigorous habit and taller growth than almost any of the other light shades of Stock-flowered varieties on the market today. The large, beautifully-formed, double flowers, of a pleasing salmon-pink shade, are well placed on long stems and present a wonderful appearance. Packet 50c.



Petunia—Breck's Steely Blue

### STOCK "Breck's Apricot Beauty"

A splendid Stock of rich beauty and of giant size bearing flowers of a soft apricot shade daintily tinged with delicate blush pink. The plants grow to a height of about two feet and throw up immense central flower spikes surrounded by side shoots or laterals profusely covered with large fragrant flowers. An excellent variety for the garden or for winter use in the greenhouse. **Packet 50c.**

### STOCK "Golden Rose"

A lovely new Stock of a rich light rose color enhanced by a pleasing golden effect in the center of each individual floret. It produces large, very double flowers on long stems and is a wonderful variety for cutting. **Packet 50c.**

### SWEET PEA "Imperial Pink"

This new Early Flowering Spencer is the last word in pink Sweet Peas and will, we think, be the favorite for greenhouse or garden for many years. A clear pink of enormous size bred up from a line of strong parentage, insuring a vigorous growth, long stems and an abundance of blooms. **Packet 35c.**

### PETUNIA "Breck's Steely Blue"

A remarkable novelty making a wonderful addition to the Petunia family. The plants are compact growing and free flowering producing immense single blossoms of a beautiful Steely-blue shade veined like Salpiglossis. A very distinct and effective color. **Packet 50c.**

### PETUNIA "Breck's Velvety Violet Blue"

This "Breck Specialty" is of compact habit and with its distinctive color becomes an unusual subject for either bedding, growing in window boxes or in pots for conservatory decoration. The color is, as the name indicates, an intense shade of violet blue with a decided velvety sheen. **Packet 50c.**

### SCABIOSA

This old fashioned flower is undoubtedly one of the finest both for bouquets and for garden decoration, but outstanding among the many beautiful varieties are the two which we now offer.

### "Peach Blossom"

A beautiful shade of peach-blossom pink of large size and with long stems. **Packet 25c.**

### "Shasta"

A pure white of enormous size and extremely long stems. **Packet 25c.**

### URSINIA ANETHOIDES

A very attractive and easily grown native of South Africa, the plants of which form large tufts of leaves from which spring up long wiry stems bearing Arctotis-like flowers of a rich orange yellow, adorned by a ring of dark purple with spots of a darker shade. Excellent for cutting or garden decoration. **Packet 50c.**



Stock—Breck's Apricot Beauty

## VIOLA APRICOT

An excellent dwarf bedding or border plant which if the dead flowers are removed regularly will continue to bloom profusely throughout the entire season. Best adapted to semi-shaded locations. The flowers are of rich apricot-yellow deepening to orange toward the center. Immensely popular with those who have grown it. Packet 50c.

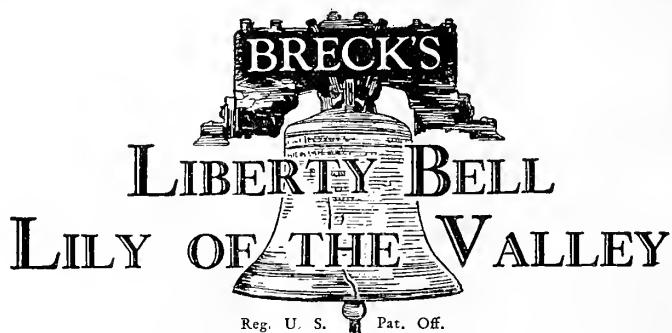


Viola Apricot

## VERBENA VENOSA

An old variety but one which deserves a far more prominent space in garden schemes. Easily raised from seed; it will bloom in about three months after sowing and will continue throughout the remainder of the season. A profusion of lilac-purple flowers together with its dwarf habit make it an admirable bedding plant. Packet 15c.

Ideal for Christmas,  
Birthday and Easter  
Gifts, or for a  
Sick Friend



We specialize in Lilies of the Valley for forcing. We import specially selected pips and can supply them at any time from cold storage for forcing in the greenhouse and in the home.

We unhesitatingly recommend our "Liberty Bell" Lilies of the Valley for greenhouse forcing and for planting in fancy bulb bowls in the dwelling house. They bloom in about 25 days from planting.



### Breck's Standard Bowl of

## "LIBERTY BELLS"

(Pictured)

Literally solves the problem of having a continuous supply of these wonderful flowers throughout the entire Autumn and Winter. Our Standard Bowl has a Refill container (a special feature of our own) and therefore when the first pips received are through blooming, all that is necessary to keep constant bloom in your home is to order a Refill direct from us. Order blanks for Refills accompany every shipment.

Standard Bowls Complete ..... \$2.00

Standard Refills ..... 1.00

Parcel post paid east of the  
Mississippi River.

## ZINNIA

### "Mexicana Hybrida"

A very pretty strain of Zinnia of dwarf bushy habit bearing semi-double and double flowers of unusual colorings. The flowers run through all the various shades found in Zinnias but with many striped, blotched or tipped with contrasting colors. The effect is particularly striking and renders it an unusual subject for borders. Packet 35c.

Can be Shipped Any  
Time, Regardless  
of Freezing  
Weather

### FOR FORCING

25 Breck's "Liberty Bell" Pips, \$2.00.

100 Breck's "Liberty Bell" Pips, \$8.00.

1000 Breck's "Liberty Bell" Pips, \$75.00.

Bulb Fibre, specially prepared, per quart, 20c.

Bulb Fibre, per 4 quarts, 60c.  
Bulb Fibre, per peck, 85c.

We do not pay delivery charges on Pips and Bulb Fibre.

# BRECK'S COLLECTIONS and MIXTURES of FLOWER SEEDS

have been carefully arranged to give the largest assortment of types and colors and they have been especially designed to meet the requirements of the great number of inexperienced gardeners who want to grow flowers for cutting and garden decoration and who have not the knowledge to choose kinds and varieties for themselves. No finer Collections of flower seeds are obtainable than those which we offer below. It should be noted that flower seeds when bought in Collections are obtained at a material saving in price over the cost of individual packets. Substitutions, therefore, are not in order, as the reduced price of Collections is made possible only through quantity production. The seeds in our Collections and Mixtures are identical in every way with the seeds elsewhere to be found in our regular Flower Seed List.

Full cultural directions accompany each Collection.

## BRECK'S SURPRISE GARDEN MIXTURE

For this Mixture we have collected hundreds of the more easily grown Annual flower seeds and blended them into a Surprise Garden Mixture, which at any time from Spring until frost will make your Surprise Garden charmingly beautiful.

Seeds are not to be sown too thickly, in fact, the more ground you can cover with a package the better results will be shown. For naturalizing purposes or sowing broadcast for effect and cutting, nothing approaches our Surprise Garden Mixture, and all the time as the season advances something different comes into bloom.

Splendid results are obtained from this Mixture and little time and labour are required in growing.

For children and for those who cannot give the care and attention to a formally planned flower garden we especially recommend our Surprise Garden Mixture on account of the completeness of the Mixture and the brilliant contrast of the great number of varieties.

Pkt. 25c, 1 oz. 40c,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

## BRECK'S EVERLASTING COLLECTION

This group of Annuals is of particular interest to those who know and appreciate the value of dried flowers for winter decoration. A most charming winter bouquet can be made up from the following Everlasting Flowers which are included in this Collection: Acroclinium, Globe Amaranth, Helichrysum, Rhodanthe, Statice, and Xeranthemum.

Collection of Six Varieties, 50c.

## BRECK'S NEW ENGLAND COLLECTIONS OF PERENNIAL FLOWER SEEDS FOR OLD FASHIONED GARDENS

The charm of New England Gardens from the early Colonial Days to the present time has been acknowledged the world over and the following Collections contain seeds of such well known and beautiful hardy perennials as Canterbury Bells, Columbine, Delphiniums, Foxgloves, Hardy Pinks, Hollyhocks, Lupins, and Sweet Williams.

Collection No. 1, Six Varieties of Tall Perennials.....	\$0.75
Collection No. 2, Twelve Varieties of Tall Perennials.....	1.50
Collection No. 3, Six Varieties of Dwarf Perennials.....	.75
Collection No. 4, Twelve Varieties of Dwarf Perennials.....	1.50

## BRECK'S BUNGALOW COLLECTION

This Collection has been designed to meet the requirements of the small garden where variety of color and long period of bloom are desired. We recommend this Collection of Annual Flower Seeds as being ideal for the amateur grower. The Collection includes the following Annuals: Alyssum, Calendula, Centaurea, Cosmos, Petunia, and Zinnia.

Collection of Six Packets, 50c.

## BRECK'S SUBURBAN COLLECTION

In this Collection of Superfine Annuals we include all of the varieties found in the Bungalow Collection and the following: Candytuft, Dianthus, Eschscholtzia, Nasturtium, Poppy, and Scabiosa.

Collection of Twelve Packets, \$1.00.

## BRECK'S GARDEN CLUB COLLECTION

No finer or more varied Collection of easily grown Annuals can be found than this Garden Club Collection. It contains twenty-five varieties of the most suitable Annuals for cutting and garden decoration. It consists of the

Annuals included in the Suburban collection and the following charming and beautiful Annual flowers: Aster, Ageratum, Chrysanthemum, Clarkia, Coreopsis, Lavatera, Lupin, Mignonette, Phlox, Nicotiana, Salpiglossis, Stocks, and Marigold.

Collection of Twenty-five Packets, \$2.00.



Annual Plants are those which go through all stages of their growth in the open ground from germination to the final seed ripening. They form a very useful class, and are valuable for border decoration whether sown in small clumps or used for lines of color. Annuals are also invaluable for filling in gaps in the perennial border. For summer display they may be sown in the open ground in April or May, or for later bloom in June and July. The greatest cause of failure in the growing of Annuals is due to their not being thinned sufficiently; dwarf sorts should be thinned out to about 4 inches apart; medium dwarf sorts to 6 inches; and taller sorts from 10 to 15 inches. This allows the plants to branch and they will then flower for a longer period. Cultivation of the surface soil and the judicious use of Pulverized Poultry Manure and Bone Fertilizer and watering during dry periods will result in continuous bloom.

Half-Hardy Annuals are those which require artificial heat in the early stages of their growth but which afterwards should be planted out to flower and ripen their seed in the open air. Many of our most beautiful Annuals belong in this class. These Half-Hardy Annuals should be sown under glass during March and April, care being taken to transplant them at an early stage in order to prevent them from becoming "leggy." Over watering will cause the plants to "damp off." They should be well hardened off in a cold frame before planting out.

This throughout the Catalogue denotes varieties which we especially recommend. Please order flower seeds by number. All varieties are alphabetically arranged. See index if in doubt.

#### ACROCLINIUM

The Acrocliniums are perhaps the most valuable of the everlastings, bearing pretty rose-pink and white flowers which should be cut before they become fully expanded, and dried for Winter decorations. They are among the most rapid growing annuals, flowering in six or seven weeks from the time of sowing. 1 foot.

- 5051 Album, Fl. Pl. Double white. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.
- 5053 Roseum, Fl. Pl. Double pink. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.
- 5054 Mixed. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

#### ADLUMIA—Mountain Fringe

Hardy climber with foliage resembling the Maiden Hair Fern and bearing rosy lilac flowers. Will blossom from seed the first season.

- 5060 Cirrhosa. Pkt. 15c;  $\frac{1}{8}$  oz. \$1.00.

#### ADONIS

The annual varieties are, with their bright flowers, great favorites in the flower garden. 1 foot.

- 5065 Aestivalis. Deep crimson flowers and finely cut foliage. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.
- 5066 Autumnalis. Blood red, Autumn blooming. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

#### AGERATUM—Floss Flower

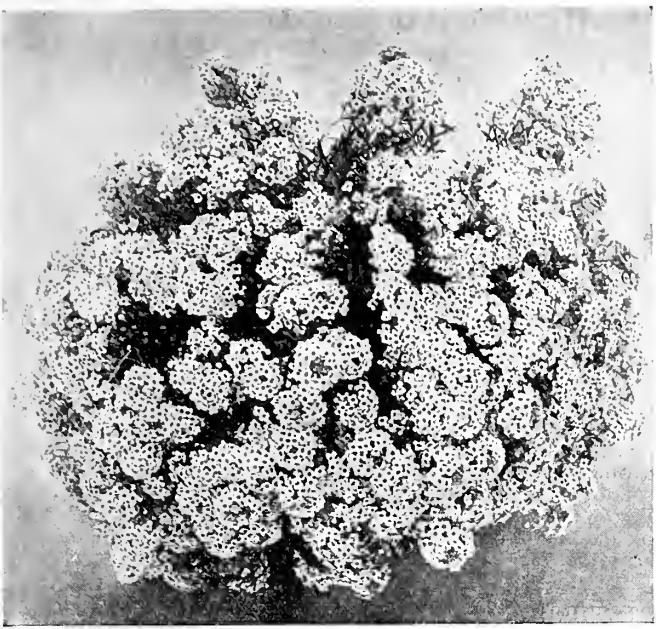
Very effective, half-hardy Annual. The pretty brush-like flowers are produced in clusters constantly all through the Summer. The plant has a neat bushy habit. The various blue varieties are without doubt the most satisfactory bedding plants of this color.

- 5070 Blue Perfection. Dark blue; fine for beds; very choice. 18 inches. Pkt. 25c;  $\frac{1}{8}$  oz. 75c.
- 5071 Tall Blue. Light blue. 18 inches. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.
- 5072 Tall White. 18 inches. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.
- 5074 Dwarf Blue. Compact. Deep blue. 9 inches. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.
- 5076 Little Blue Star. A miniature compact plant with very small flowers; exceptionally good for edging or rock-work; 4 inches. Pkt. 25c;  $\frac{1}{16}$  oz. \$1.25.
- 5078 Little Dorrit Blue. Azure blue. 6 inches. Pkt. 10c;  $\frac{1}{8}$  oz. 75c.
- 5080 Little Dorrit, White. 6 inches. Pkt. 10c;  $\frac{1}{8}$  oz. 75c.
- 5086 Roseum. Rose. 1 foot. Pkt. 15c;  $\frac{1}{8}$  oz. 75c.
- 5088 Mixed. Mixture of tall varieties. 18 inches. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

#### AGROSTEMMA

A free-flowering border plant with attractive flowers that are excellent for cutting. The annual varieties are very attractive grown in groups. 1 foot.

- 5090 Cæli Rosa (Rose of Heaven). Pkt. 10c;  $\frac{1}{4}$  oz. 35c.
- 5091 Cæli Rosa Alba. Pure white. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.



Alyssum

**ALYSSUM**

Excellent plants for the rockery or front of borders. Very sweetly scented and bloom profusely all Summer.

★5100 **Lilac Queen.** Distinct new variety of the annual Sweet Alyssum with pure lilac flowers. The plants are of dwarf, compact, upright growth, and resemble when in full bloom a tiny Candytuft. Equally as useful for carpet bedding or ribboning as the other dwarf varieties. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

★5104 **Little Gem.** White, for edging. 4 inches. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.

5106 **Maritimum.** White, very fragrant. 9 inches. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.

5108 **Procumbens** (White Carpet). White trailing habit. 4 inches. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

**AMARANTHUS**

Very striking plants on account of their beautiful vari-colored foliage and peculiar form of blossom. The leaves are always largest when plants are grown on rich soil, but rather poor soil enhances the coloring.

5116 **Caudatus** (Love Lies Bleeding). Red. 3 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 75c.

5119 **Salicifolius** (Fountain Plant). Red.  $2\frac{1}{2}$  feet. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

5120 **Tricolor Splendens** (Joseph's Coat). Scarlet and yellow. 3 feet. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

**AMBROSIA**

Sweet-Scented Hardy Annual, fine for bouquets.

5125 **Mexicana.** Yellow. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

**AMMOBIUM**

A very pretty pure white everlasting annual. Gather the flowers before fully expanded to preserve for Winter.  $1\frac{1}{2}$  feet.

5130 **Grandiflorum Album.** White. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

**ANCHUSA**

For producing a mass effect of brilliant blue, the Anchusa cannot be surpassed. Height  $1\frac{1}{2}$  to 2 feet.

5135 **Breck's Annual Blue.** A clear medium blue with white centre. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.

5137 **Capensis.** Purple. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.

**ANTIRRHINUM—Snapdragon**

Antirrhinums have now become very popular for bedding, also for growing under glass for winter flowering. We make a specialty of Antirrhinums. Our strains are selected with the greatest possible care and they can be relied upon as being equal to any for purity, growth, and trueness of color. Our strains of Antirrhinum have been trued up as far as it is humanly possible. Antirrhinums thrive in almost any good garden soil, and the three classes, Tall, Intermediate, and Tom Thumb, may easily be grown as annuals by sowing in heat during January and February. Late sowings may be made until May for late summer blooms. The Intermediate class is the best for forcing under glass.

**TALL VARIETIES (Two feet)**

- 5138 **Brilliant Rose.** Bright rose pink. Pkt. 15c;  $\frac{1}{8}$  oz. 50c.
- 5139 **Cardinal.** Dazzling scarlet. Pkt. 25c;  $\frac{1}{8}$  oz. 75c.
- 5140 **Cloth of Gold.** Golden yellow. Pkt. 15c;  $\frac{1}{8}$  oz. 50c.
- 5141 **Copper King.** (Maximum type). Bronzy copper color. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.
- 5143 **Crimson King.** Deep crimson. Pkt. 15c;  $\frac{1}{8}$  oz. 60c.
- 5145 **Fairy Queen.** Rich orange salmon, white throat. Pkt. 15c;  $\frac{1}{8}$  oz. 40c.
- 5147 **Purple King.** (Maximum type). Deep garnet. Pkt. 25c;  $\frac{1}{8}$  oz. 75c.
- 5149 **Queen Victoria.** Pure white. Pkt. 15c;  $\frac{1}{8}$  oz. 40c.
- 5151 **Rose King.** Brilliant carmine rose. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.
- 5153 **Torchlight.** Deep orange with yellow lip. Pkt. 25c;  $\frac{1}{8}$  oz. 75c.
- 5155 **Breck's Choice Mixture.** Pkt. 10c;  $\frac{1}{4}$  oz. 60c.
- 51561 **Collection** (6 distinct colors). For 75c.



Antirrhinum Intermediate

## ANTIRRHINUM (Continued)

### INTERMEDIATE VARIETIES (One and one-half feet)

All varieties recommended for forcing are listed in this intermediate group.

- 5157 **Amber Queen.** Pale yellow overlaid chamois pink. Pkt. 15c;  $\frac{1}{8}$  oz. 50c.
- 5159 **Black Prince.** Deep crimson with dark foliage. Pkt. 15c;  $\frac{1}{8}$  oz. 50c.
- 5161 **Breck's Matchless Pink.** Pkt. 50c.
- 5163 **Breck's Matchless White.** Pkt. 50c.
- 5165 **Breck's Matchless Yellow.** Pkt. 50c.
- 5167 **Carmine Queen.** Brilliant rose carmine. Pkt. 15c;  $\frac{1}{8}$  oz. 50c.
- 5168 **Climax.** Orange shading to yellow in lip. Pkt. 25c;  $\frac{1}{8}$  oz. 75c.
- 5169 **Defiance.** Dazzling orange scarlet. Pkt. 25c;  $\frac{1}{8}$  oz. 75c.
- 5170 **Empress.** Deep velvety crimson. Pkt. 25c;  $\frac{1}{8}$  oz. 60c.
- 5172 **Gloria.** Deep rose pink. Pkt. 25c;  $\frac{1}{8}$  oz. 75c.
- 5173 **Golden Pink Queen.** Pkt. \$1.00.
- 5175 **Golden Queen.** Clear golden yellow. Pkt. 15c;  $\frac{1}{8}$  oz. 50c.
- 5177 **Nelrose.** Beautiful pale pink. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.
- 5179 **Orange Queen.** Terracotta pink with orange lip. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.
- 5181 **Philadelphia Pink.** Large flowered pure rich pink. Pkt. \$1.00.
- 5183 **Purity.** Pure white. Pkt. 15c;  $\frac{1}{8}$  oz. 50c.
- 5185 **Rosebud.** Delicate soft blush pink. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.
- 5187 **Rose Doré.** Beautiful salmon rose, suffused orange. Pkt. 15c;  $\frac{1}{8}$  oz. 50c.
- 5188 **Silver Pink.** Pkt. \$1.00.
- 5189 **Weld Pink.** Salmon pink shading to orange. Pkt. 75c.
- 5192 **Choice Mixed.** Pkt. 15c;  $\frac{1}{4}$  oz. 75c.

### TOM THUMB VARIETIES (Six to eight inches)

5195 <b>Crimson.</b> Pkt. 15c; $\frac{1}{8}$ oz. 75c.	5201 <b>Sulphur Yellow.</b> Pkt. 15c; $\frac{1}{8}$ oz. 75c.
5197 <b>Pure White.</b> Pkt. 15c; $\frac{1}{8}$ oz. 75c.	5203 <b>Mixed.</b> Pkt. 15c; $\frac{1}{8}$ oz. 75c.
5199 <b>Rose.</b> Pkt. 15c; $\frac{1}{8}$ oz. 75c.	

### ARCTOTIS—African Daisy

A handsome Annual from Southwest Africa. The flowers are pure white on the upper surface, the reverse of the petals being lilac blue. Very easily grown—blooming all Summer. Very valuable as a cut flower—the blooms lasting for a week or ten days after being cut.

5210 **Grandis.** 2½ feet. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.

### ARGEMONE

#### Prickly Poppy

Large glaucous foliage and poppy-like white flowers. 2 feet.

5215 **Grandiflora.** Pkt. 10c;  $\frac{1}{4}$  oz. 50c.

### ARNEBIA

Free-flowering annuals with purple-spotted, yellow blossoms, fine for cutting. 2 feet.

5220 **Cornuta.** Pkt. 15c;  $\frac{1}{8}$  oz. 75c.

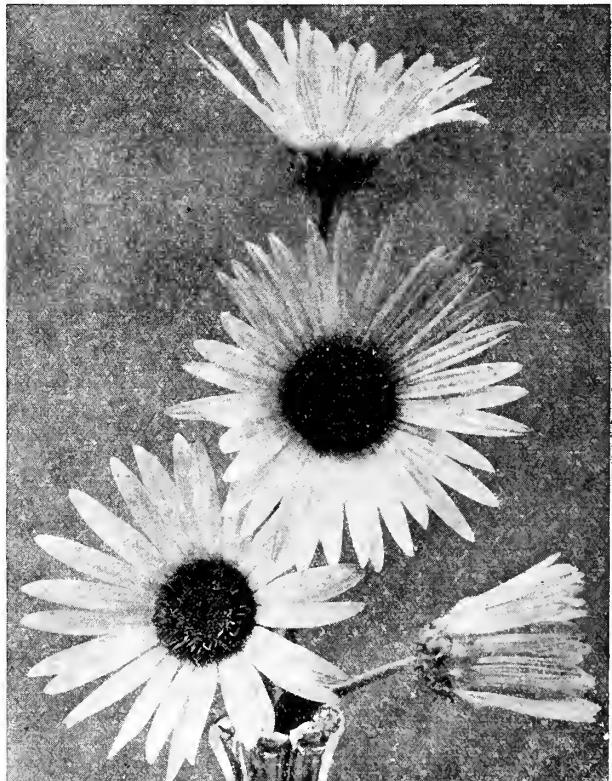
### ARTEMISIA

5223 **Sacrorum Viridis.** (Summer fir). Ornamental plant, pyramidal in habit, growing to a height of 3 to 5 feet in a season. Pkt. 25c.

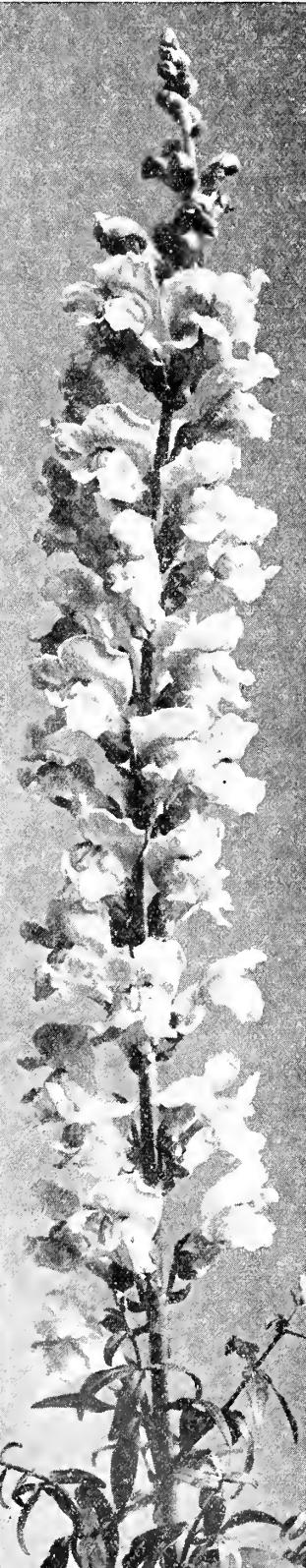
### ASPERULA

A trailing plant particularly good for bouquets, the leaves of which, when dried, are used to scent clothes. 1 foot.

5225 **Azorea Setosa.** Blue, Annual. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.



Arctotis



Antirrhinum Tall Rose King

# ASTERS

The demand for Breck's Asters from the leading commercial and private growers all over the United States is a sufficient recommendation of their superiority. They are highly regarded wherever they go.

## BRECK'S INTERNATIONAL PRIZE MIXTURE

55230 In this splendid mixture will be found practically every shade and form produced among the large flowered types of Asters. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.00; oz. \$3.50.

## AMERICAN BEAUTY

These are an addition to the late blooming Asters and should find a place in every garden. They should be planted early to give a longer season of bloom. 2 $\frac{1}{2}$  feet. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.

5235 Lavender	5240 Rose	5244 White
5238 Purple	5242 September Pink	5246 Mixed
52481 Collection (5 distinct colors).	For \$1.00.	



Aster American Beauty

## AMERICAN BRANCHING

This vigorous variety forms tall, bushy plants. Flowers extra large borne on long, stout stems. It is a great favorite with the Florist for late cutting. 2 $\frac{1}{2}$  feet. Pkt. 10c;  $\frac{1}{4}$  oz. \$1.00; oz. \$3.00.

5250 Crimson	5253 Purple	5256 Shell Pink
5251 Dark Violet	5254 Light Rose	5257 White
5252 Lavender	5255 Deep Rose	5258 Finest Mixed
52591 Collection (6 distinct colors).	For 50c.	

## ASTERMUM

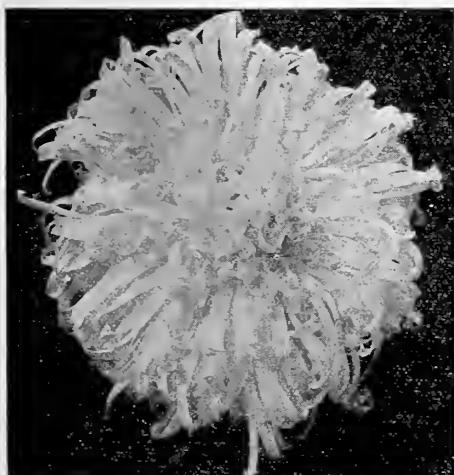
This is a beautiful new type of Aster. The flowers are of enormous size with very full centres. The plant is of sturdy growth with long, straight stems. This new departure in Asters should be welcomed by all Aster lovers. 2 feet. Pkt. 25c;  $\frac{1}{8}$  oz. 75c.

5260 Lavender	5264 Rose Pink	5268 Mixed
5262 Pure White	5266 Shell Pink	

## BRECK'S CONCORD

These magnificent Asters, with their immense flowers, are densely double, fine curled, and bear a striking resemblance to large flowered Japanese Chrysanthemums. The plants are of luxuriant habit, 2 feet high, and bear an unusual number of long stemmed flowers measuring 4 to 5 inches across. Especially effective for beds and an exceptional Aster for cutting. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.25; oz. \$4.00.

5271 Crimson	5276 Salmon Rose
5272 Dark Blue	5277 Yellow
5273 Light Blue	5278 Mixed
5275 Pure White	
52791 Collection (6 colors).	For 75c.



Aster Concord

## BRECK'S IMPROVED MIDSUMMER

These Asters comprise a collection of mid-season varieties, distinguished by their delicate shades of color. The plants are vigorous, upright in growth, and produce stems of good length. The large flowers are so double as to be veritable balls of bloom. 1 $\frac{1}{2}$  feet. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.00; oz. \$3.00.

5280 Crimson	5286 Salmon Rose
5282 Light Blue	5288 Yellow
5283 Pure White	5289 Choice Mixed
5285 Rose Pink	
52891 Collection (6 colors).	For 75c.

## CREGO GIANT

This Aster, through the most careful selection, has been brought to a state of perfection hitherto unknown in this type. The plants grow to a height of over 2 feet, with long well-branched, strong stems and fluffy, graceful flowers as fine as any Chrysanthemum. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.25.

5290 Crimson	5293 Lavender	5295 Snow White
5291 Dark Purple	5294 Shell Pink	5296 Mixed
5292 Deep Pink		
52991 Collection (6 distinct colors).	For 75c.	

## EARLY WONDER

These are the earliest Asters in cultivation. They are after the style of the Giant Comet and are destined to become the leading early Asters. They should prove a great boon to growers requiring large early blooms. 15 inches. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.25.

5300 Lavender	5304 Snow White	5308 Mixed
5301 Dark Blue	5305 Rose	

## GIANT COMET

These are the most popular of all Asters. Enormous flowers with long, wavy, petals, resembling Japanese Chrysanthemums. 2 $\frac{1}{2}$  ft. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.25.

5310 Crimson	5312 Light Blue	5317 Sulphur Yellow
5311 Dark Blue	5315 Rose	5318 Pure White
5319 Finest Mixed	5319 Collection (6 distinct colors).	For 75c.

## KING

This magnificent class of Asters is distinct from all others in the character of the flowers. The long narrow petals are folded lengthwise, appearing almost as though quilled. The flowers are of great size and substance. 18 inches. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.25.

5320 Crimson	5323 Rose	5326 Choice Mixed
5321 Lavender Pink	5324 Violet	
5322 Pink	5325 White	
53291 Collection (6 distinct colors).	For 75c.	

**ROCHESTER or MIKADO**

The narrow petals fall over one another in a charming cascade of color, forming a wonderful shaggy mass that cannot be equalled for richness of effect. 2 feet. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.50.

5330 Lavender	5334 Shell Pink	5338 White
5332 Purple	5336 Rose Pink	5340 Finest Mixed
53421 Collection (5 distinct colors). For \$1.00.		

**ROYAL**

A beautiful new class of Asters in which the petals are very broad and distinctly incurved or shell shaped. In size the flowers are like the Late Branching Asters, and the plants have the same sturdy vigor. 2 feet. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.25.

5345 Lavender	5351 Shell Pink
5347 Purple	5353 White
5349 Rose	5355 Choice Mixed
53571 Collection (5 distinct colors). For 60c.	

**QUEEN OF THE MARKET**

This variety is about three weeks earlier than the larger varieties; flowers of medium size borne on long stems; used extensively by florists. 1½ ft. Pkt. 10c;  $\frac{1}{4}$  oz. 75c; oz. \$2.50.

5370 Crimson	
5371 Dark Purple	
5373 Lavender	
5375 Shell Pink	
5376 Rose	
5377 White	
5378 Mixed	
53791 Collection (6 distinct colors). For 50c	

**SOUTHCOTE BEAUTY (Single)**

A fine race of branching habit which has become exceedingly popular. The flowers have long, perfectly formed petals, but the golden yellow centres are very small; unrivalled for cutting and house decoration. 2½ feet. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.50.

5380 Mauve	
5382 Pink	
5384 Purple	
5386 Scarlet	
5388 White	
5390 Mixed	
53921 Collection (5 distinct colors). For 60c.	

**CALIFORNIA GIANT**

We take pleasure in recommending this type as the best Aster on the market today. Characterized by the well-known Crego or Ostrich Feather type of flower, combined with the Beauty Aster's long, non-lateral branching stems and sturdy habit of growth, the California Giant Double type of Aster stands at the head of the list, not only for florists' use, but also for private gardens where quality is appreciated. Careful selection has not only perfected this type but has enabled us to extend the color range to include the following excellent assortment. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.00.

5393 White	5397 Light Blue	5403 Dark Purple
5395 Peach	5399 Light Purple	5405 Mixture
Blossom	5401 Deep Rose	
54071 Collection (6 distinct colors). For \$1.25.		



Aster—California Giant

**OTHER VARIETIES OF ASTERS**

5415 Aster, Breck's Dwarf Quilled. A dwarf Aster producing small, perfectly formed flowers, the unusual quilled petals of which give a new and striking effect. The plants are of compact form, particularly suited to bedding and edging, and each plant in itself forms a neat bouquet. In mixture only. Pkt. 50c.

5420 Aster, Breck's Coral Reef. A remarkable Aster of the Ostrich Feather type, growing to a height of about 1½ feet and producing full, fluffy, medium sized flowers resembling Japanese Plume Chrysanthemums. The color, a deep coral-rose, does not blue and is very pretty and distinct. This Aster is unexcelled for either bedding or cutting. Pkt. 50c.

5432 Peerless Pink. This is conceded to be the finest pink late branching Aster ever offered. The plants are of robust, free-branching habit, 24 to 30 inches high, bearing their magnificent blooms on strong stems, averaging 18 inches in length, and it is hard to find a flower under four inches across, and many measure five inches by two and a half in depth, forming an almost globular flower. The color is a rich shell pink. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.00.

5437 Peerless White. Same type as Peerless Pink. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.00.

5440 Heart of France. The finest pure red Aster yet introduced. Opens red and deepens with age and retains its beauty to the end. Beautiful in artificial or natural light. Large, full flowers of the Branching type and robust habit. The plants bloom early and continue late. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.50.

5448 General Joffre. This novelty in single Asters bears flowers of intense crimson-scarlet, excellent for cutting. Planted in beds or borders, they have a brilliant effect. Pkt. 35c.

5450 Pink Enchantress. The flowers of this variety are always full and very double; the petals are wide and of medium length. The ones toward the centre folding in while those towards the outer edge gradually stand out more and more, the outside petals being almost flat. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.50.

5453 Aster Delavayi. Close tufts of olive-green foliage and stout naked stems bearing a large solitary flower, the ray florets are very thin and inclined to twist. A delightful shade of lavender-blue with a conspicuous jet-black disc. Very curious and striking. Pkt. 50c.

5455 Red Sensation. The reddest of all Red Asters, the color being a deep ox-blood red, which glistens in the sun like a live coal. Habit of plants branching, height 18 inches, the double flowers about 3 inches in diameter, are borne freely on stems 12 inches long. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.50.

**BALLOONVINE**

Annual climber. Flowers white; seed vessels like small balloons; pretty foliage; grows rapidly.

5460 *Cardiospermum Halicacabum*. Pkt. 10c; oz. 35c.

**BALSAM—Lady Slipper**

Magnificent Summer and Autumn flowering annuals. Balsams are not often given room for perfect development; they will easily cover 12 to 18 inches of space each way. Pkt. 15c;  $\frac{1}{4}$  oz. 60c; oz. \$2.00.

5465 Breck's Special Mixture. Camellia-Flowered. A magnificent strain, including a wide range of colors.

5466 Blue 5468 Lilac 5470 Rose 5472 White

5467 Crimson 5469 Primrose 5471 Scarlet

5474 Collection (6 distinct colors). For 75c.

**BARTONIA**

A splendid annual succeeding best when grown in partial shade.

5475 *Aurea*. Golden yellow. 2 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.

**BEANS—Phaseolus Multiflorus**

Well-known annual climbers with ornamental flowers, foliage, and pods.

5478 *Scarlet Runner*. Pkt. 10c;  $\frac{1}{4}$  lb. 20c.

**BEGONIAS**

These are valuable for pots and bedding out; especially adapted to shady places. Seed should be sown in January in heat in shallow seed pans, filled with a compost of leaf-mould, loam, and sand. Cover the seed pans with glass to prevent rapid evaporation. The use of Semesan disinfects the soil and prevents damping off.

**TUBEROUS ROOTED VARIETIES**

5485 Breck's International Prize, Single Mixed. 1½ ft. The seed is the product of the finest and newest varieties selected for their large size and perfect form. Pkt. 75c.

5486 Breck's International Prize, Double Mixed. A superb strain, producing a large percentage of double flowers. Pkt. \$1.00.



Cacalia



Balsam

5487 Breck's International Prize, Fringed Mixed. A type of Single Begonia which has become a great favorite, the petals being beautifully fringed or frilled and highly decorative. Pkt. 75c.

**FIBROUS ROOTED VARIETIES**

**SEMPERFLORENS.** The varieties offered below are used mostly for bedding, doing equally well in sun or partial shade. Seed sown in February will produce flowering plants from June till frost.

5491 *Erfordia Grandiflora*. Light silvery pink. Pkt. 75c.

5492 *Primadonna*. Soft Rose. 1 foot. Pkt. 75c.

5493 *Vernon, Dwarf*. Blood red with glossy bronze foliage. 6 inches. Pkt. 25c.

5494 *Snow Queen*. Pure white. 1 foot. Pkt. 75c.

**GRACILIS.** Splendid for groups and for conservatory. Pkt. 25c.

5496 *Luminosa*. Glistening reddish-brown leaves and scarlet flowers.

5497 *Pink* 5498 *Pure White* 5499 *Scarlet*

**BEGONIAS FOR GREENHOUSE**

For greenhouse and conservatory decorations they make a splendid display as they are very light and graceful in appearance. Pkt. \$1.00.

5501 Breck's Basket Begonias Mixed. For Hanging Baskets.

5503 Breck's Rex Hybrids. Handsome foliage plants showing great diversity in form, as well as in the coloring of the leaves.

**BRACHYCOME—Swan River Daisy**

Dwarf compact-growing annual with an abundance of daisy-like blue flowers. Fine for edging. 6 inches.

5505 *Iberidifolia, Little Blue Star*. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.00.

**BROWALLIA**

Beautiful flowering annuals, extensively grown for Winter flowering.

5510 *Elatia Alba*. White. 1½ feet. Pkt. 15c;  $\frac{1}{4}$  oz. 35c.

5512 *Elatia*. Dark Blue. 1½ feet. Pkt. 15c;  $\frac{1}{4}$  oz. 35c.

5514 *Speciosa Major*. A superb strain which has strong habit of growth and bears an abundance of bright violet-blue flowers. Pkt. 50c;  $\frac{1}{2}$  oz. \$2.00.

5515 *Speciosa Major Alba*. Pkt. \$1.00.

**CACALIA—Tassel Flower**

5518 Hardy annual with showy trusses of tassel-like flowers; blooms profusely from July to October. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

5520 *Coccinea*. Scarlet.

### CALANDRINIA

Very pretty annuals that bloom best when grown in sunny situations; seeds should be started in heat in March and transplanted to the open border in May. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

- 5525 Grandiflora. Rose. 1 foot.
- 5526 Speciosa Alba. White.  $\frac{1}{2}$  foot.
- 5527 Umbellata. Crimson.  $\frac{1}{2}$  foot.

### CALENDULA—Pot Marigold

Very showy, free-flowering annual. Will grow in any good garden soil and continue to bloom from early Summer till frost. Valuable for pot culture. 1 foot.

- 5529 Ball's Gold. Deep golden yellow. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.00.
- 5530 Breck's Giant Orange. This is a very choice strain, grown especially for us. It is quite distinct from any other variety. The color is a very deep orange. The flowers are extra large and borne on good stout stems. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.00.
- 5531 Lemon Queen. Large beautiful flowers. Pkt. 15c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.
- 5532 Meteor. Creamy centre edged with orange. Pkt. 10c; oz. 50c.
- 5533 Orange King. Double dark orange. Pkt. 15c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.
- 5534 Pluvialis (Cape Marigold). White. Pkt. 10c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.
- 5535 The Ball. Deep orange, light center. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.00.
- 5536 Double Mixed. Pkt. 10c; oz. 50c.
- 55381 Collection (6 varieties). For 75c.

### CAMPANULA—Annual

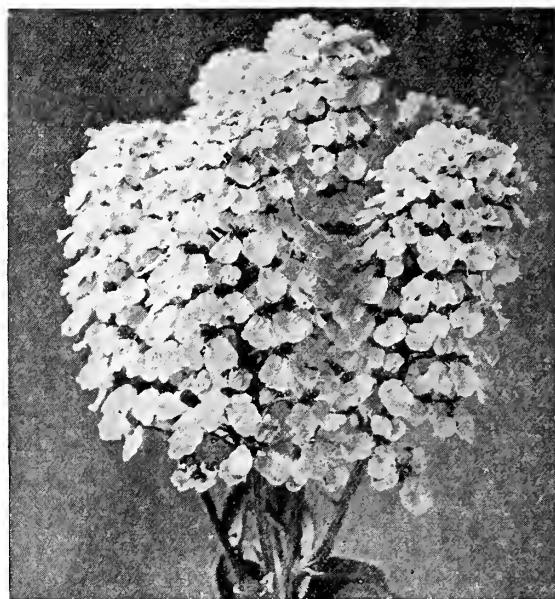
The annual Campanulas are very free-blooming, of compact growth, and suitable for edging. 6 inches.

- 5540 Attica. Blooms profusely and remains in flower for a long period; color violet. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.25.
- 5541 Attica Alba. Pure white flowers which contrast admirably with the preceding. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.25.
- 5543 Loreyi. Light blue shaded violet. Pkt. 15c.
- 5544 Loreyi Alba. Pure white. Pkt. 15c.
- 5545 Speculum Mixed (Venus' Looking Glass). Pkt. 10c;  $\frac{1}{4}$  oz. 50c.
- 5546 Speculum Blue. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.
- 5548 Speculum White. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.

For Perennial Varieties see page 41



Calendula



Candytuft—Breck's White Giant

### CANDYTUFT—Iberis

Very showy, branching plants that produce flowers which embrace nearly all shades of red, purple, and white. Seed sown outdoors in Spring will produce flowers from July to September. Is very effective for beds, borders, etc., and useful for pot culture during Winter.

- 5550 Breck's White Giant. It produces giant spikes of pure white flowers. Excellent for greenhouse culture or for outdoor bedding. Pkt. 15c;  $\frac{1}{4}$  oz. 60c; oz. \$2.00.
- 5551 Crimson. 1 foot. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.
- 5552 Empress. White. 1 ft. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 75c.
- 5554 Lavender. Rosy Lavender. Pkt. 15c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.
- 5555 Little Prince. A dwarf Empress. White.  $\frac{1}{2}$  foot. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.
- 5557 Rose Cardinal. Rose. 1 foot. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.
- 5559 Dwarf Hybrids. Mixed.  $\frac{1}{2}$  foot. Pkt. 15c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.
- 5560 Breck's Giant Mixture. 1 foot. Pkt. 10c; oz. 60c.

For Perennial Varieties see page 41

### CANNA—Indian Shot

Luxuriant foliage and brilliant flowers. Soak the seeds in warm water, then sow in light sandy soil about  $\frac{1}{2}$  inch deep.

- 5561 Dark-Leaved Varieties, Mixed. Pkt. 15c; oz. 60c.
- 5564 Crozy's Large-Flowered, Mixed. Pkt. 15c; oz. 60c.

### CARNATION

The Marguerite varieties are generally treated as half-hardy annuals. Will bloom six months from planting of seeds, and will continue until frost. Flowers are of large size and very double. Very fragrant. Height, 15 inches.

- 5565 Rose. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.50.
- 5566 Scarlet. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.50.
- 5567 Salmon Rose. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.50.
- 5568 White. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.50.
- 5569 Yellow. Pkt. 25c;  $\frac{1}{8}$  oz. \$2.00.
- 5570 Giant Mixed. All colors. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.50.
- 55711 Collection (5 distinct colors). For \$1.00.
- 5572 Malmaison Mixed. A greatly improved strain from an unexcelled collection; producing extra large flowers. 1 foot. Pkt. 25c;  $\frac{1}{4}$  oz. \$2.00.
- 5574 Giants of Nice. We have an exceedingly fine strain of this variety which is a strong robust grower. Very large flowers of many delicate colors.  $1\frac{1}{2}$  feet. Pkt. 50c.

## CELOSIA

Magnificent, free-flowering, Hardy Annuals with large comb-like flower heads of the most brilliant colors. The dwarf varieties are especially valuable for edgings while the taller sorts are used for massing or grouping.

### CELOSIA CRISTATA NANA—Cockscomb

Height, 9 inches. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.50.

- 5580 Chamois. Fawn. 5585 Scarlet.
- 5582 Glasgow Prize. Crimson. 5586 Violet.
- 5583 Golden Yellow. 5587 Mixed.
- 5584 Queen of Dwarfs. Rose.
- 55881 Collection (6 distinct colors). For 75c.

### CELOSIA PLUMOSA—Thompsoni Magnifica

Height 2 feet.

- 5590 Breck's Crimson Plume. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.25.
- 5591 Breck's Yellow Plume. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.25.
- 5592 Breck's Scarlet Plume. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.25.
- 5593 Breck's White Plume. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.25.
- 5594 Pride of Castle Gould. A distinct type of feathered cockscomb covered with immense fine heads of the most brilliant colorings. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.50.
- 5595 Choice Mixed. Pkt. 15c;  $\frac{1}{8}$  oz. 75c.
- 55991 Collection (6 distinct colors). For 75c.
- 5600 CELOSIA CHILDSI (Chinese Woolflower). Mixture of bright colors with large roundish heads like a ball of wool. Very showy. Pkt. 25c;  $\frac{1}{8}$  oz. 50c.

## CENTAUREA

**CENTAUREA CYANUS.** Bachelor's Button. Old-fashioned flowers that are very popular. They will grow in any situation, and bloom continuously. 3 feet. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

- 5605 Blue. 5611 Mauve.
- 5607 Carmine. 5613 Rose.
- 5609 Maroon. 5614 White.
- 5615 Choice Mixed. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.
- 56181 Collection (6 distinct colors.) For 75c.

**CENTAUREA IMPERIALIS** (Giant Sweet Sultan). This species represents the best that has been produced in these beautiful Summer-flowering plants. The flowers will keep in water for over a week if cut when just about to open. 2½ feet. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.

- 5620 White 5623 Purple
- 5621 Delicate Lilac 5625 Mixed
- 5622 Rose

### OTHER CENTAUREAS.

- 5630 Americana. Flowers rosy-lilac often measuring 4 inches across. 3 feet. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.
- 5631 Americana Alba. 3 feet. Pure White. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.00.
- 5632 Moschata Blue. 2½ feet. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.
- 5634 Moschata Rosea. The color of the flower in opening is a delicate rosy-white changing to tender rose-pink later. 2½ feet. Pkt. 15c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.

- 5635 Suaveolens. 2½ feet. Yellow. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.
- 5637 Moschata Choice Mixed. Pkt. 10c; oz. 60c.

**WHITE LEAVED CENTAUREAS** (Dusty Miller). Silvery foliage, dwarf, extensively used for edging of flower beds.

- 5638 Candidissima. Broad silvery foliage. 1 foot. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.00.
- 5639 Gymnocarpa. Narrow silvery foliage. 1 foot. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

## CENTRANTHUS

A free-flowering bushy annual with clusters of long tube-like flowers that grow freely in any soil.

- 5640 Finest Mixed. Pkt. 10c; oz. 50c.

## CHRYSANTHEMUMS

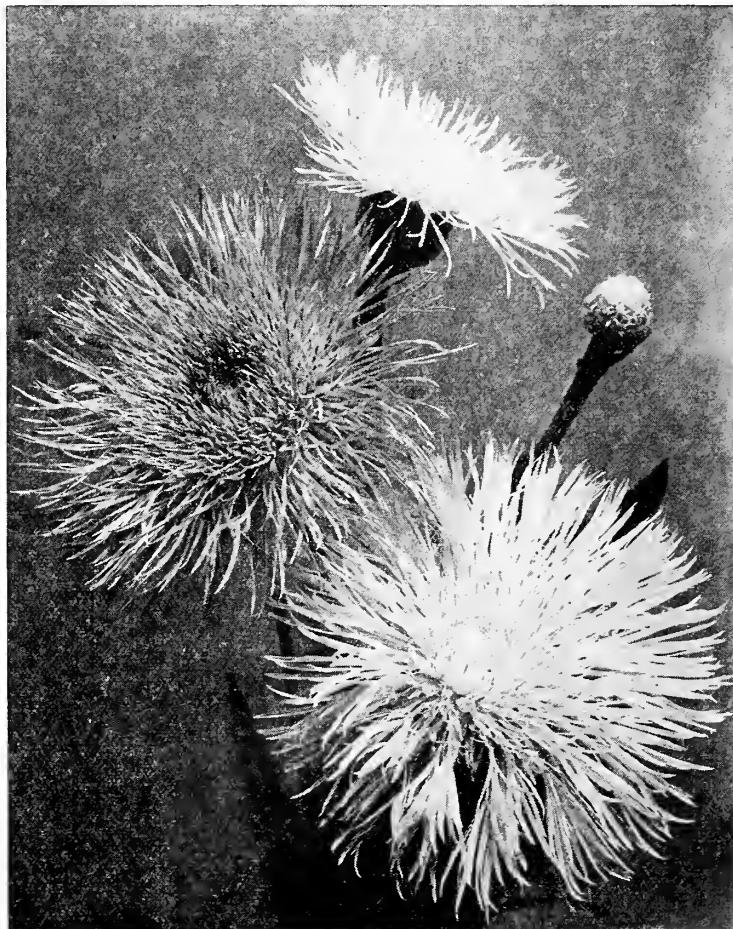
All the Summer-flowering Chrysanthemums are very effective and showy plants for beds and borders, besides affording an immense material for cutting. Sow seeds where the plants are wanted to bloom and thin out to 9 inches apart; earlier flowering plants can be had by sowing early in March in a cold-frame, and transplanting when large enough.

### SINGLE VARIETIES

- 5650 Burridgeanum. White and red. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.
- 5652 Eastern Star. Primrose yellow with brown disc. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.
- 5654 Evening Star (Golden Marguerite). Golden-yellow. Flowers measure 3 inches in diameter. Pkt. 15c;  $\frac{1}{4}$  oz. 60c.
- 5656 Morning Star. Pale primrose. Pkt. 15c;  $\frac{1}{4}$  oz. 60c.
- 5658 Northern Star. Giant white, with yellow zone. Pkt. 15c;  $\frac{1}{4}$  oz. 60c.
- 5660 Purple Crown. Pkt. 15c;  $\frac{1}{4}$  oz. 60c.
- 5662 Scarlet. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.
- 5664 Choice Mixed. Pkt. 10c;  $\frac{1}{4}$  oz. 20c; oz. 60c.
- 56661 Collection (6 distinct colors). For 75c.

### DOUBLE VARIETIES

- 5676 Choice Mixed. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.
- 5678 Fringed Hybrids, Mixed. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.
- 5680 Inodorum, Bridal Robe. Pure double white flowers carried above the dark green foliage. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.00. For Perennial Varieties see page 42; for Greenhouse Varieties see page 50.



Centaurea Americana

**CINERARIA**

Foliage Varieties. Suitable for ribbon beds and edging. 1 foot.

5685 Maritima (*Candidissima*). Silver foliage. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.  
 5686 Maritima Diamond. Silvery green foliage. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.

**CLARKIA**

Popular Annuals which can be grown with the utmost ease in ordinary soil. They flower profusely and are as exceedingly attractive for bedding as for cutting. 2 to 2 $\frac{1}{2}$  feet.

5690 Alba. Double. Pure white. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.  
 5692 Chamois Queen. Double. Buff color. Pkt. 15c;  $\frac{1}{4}$  oz. 60c.  
 5694 Orange King. Double. Very bright orange-scarlet. Pkt. 15c;  $\frac{1}{4}$  oz. 60c.  
 5696 Purple Prince. Double purple. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.  
 5698 Queen Mary. This is a lovely rose carmine flower, double, free-flowering, the brightest color of any Clarkia yet produced. Pkt. 15c;  $\frac{1}{4}$  oz. 60c.  
 5701 Ruby King. Double flowers of a beautiful ruby red. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.00.  
 5702 Salmon Queen. Double. Salmon-pink. Pkt. 15c;  $\frac{1}{4}$  oz. 60c.  
 5704 Vesuvius. Double scarlet. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.  
 5706 Mixed. All sorts. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.  
 57091 Collection (6 distinct colors). For 75c.

**CLEOME—Spider Plant**

5710 Pungens. A pretty plant with curious pink flowers. 3 feet. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

**CLINTONIA**

5715 Pulchella. Blue and white. Charming for edging or rock-work. Pkt. 25c.

**COLLINSIA**

Beautiful free-flowering plants for beds and mixed borders. 1 foot.

5717 Finest Mixed. Pkt. 10c; oz. 50c.

**COLLOMIA**

Good for pot culture and bedding; fine for bees. 1 foot.

5718 Coccinea. Scarlet and yellow. Pkt. 10c; oz. 50c.

**COBÆA—Cup-and-Saucer Vine**

A rapid-growing climber producing large, bell-shaped flowers.

5720 Scandens. Purple. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.

5721 Scandens Alba. Pure white. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

**CONVOLVULUS MINOR**

Hardy annuals particularly suitable for growing in clumps or beds and also in hanging baskets or window boxes.

5740 Mauritanicus. Blue with white throat. Pkt. 25c;  $\frac{1}{8}$  oz. 75c.

5741 Rose Queen. Rose. 1 foot. Pkt. 10c; oz. 50c.

5742 Splendens. Violet. 1 foot. Pkt. 10c; oz. 50c.

5743 White. 1 foot. Pkt. 10c; oz. 50c.

5744 Mixed. 1 foot. Pkt. 10c; oz. 50c.

**COREOPSIS—Calliopsis**

Very showy, free-flowering annual plants, useful for borders and cutting. Blooms from June until frost.

5750 Atrosanguinea. Crimson. 2 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

5752 Bicolor Marmorata. Yellow and brown. 2 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

5754 Coronata. Yellow. 1 foot. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

5756 Drummondii. Yellow and brown. 1 foot. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

5757 Evening Star. Large flowers of bright yellow with zone of deep scarlet. 1 $\frac{1}{2}$  feet. Pkt. 25c.

5758 Fire King. The flowers are of a deep bright scarlet. Very free-flowering, the plant being a mass of blooms. 1 $\frac{1}{2}$  feet. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.00.

5760 Radiata Tiger Star. Yellow and brown. 3/4 foot. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

5764 Tinctoria. Yellow and brown. 2 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

5766 Tom Thumb Crimson King. 1/2 foot. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

5767 Tom Thumb Dazzler. Golden yellow with rich maroon-red center. 1/2 foot. Pkt. 25c.

5768 Dwarf Mixed. 1 foot. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.

5770 Double Hybrids. Mixed colors. 1 $\frac{1}{2}$  feet. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.

5772 Tall Mixed. 2 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 20c; oz. 60c.

57741 Collection (6 separate varieties). For 50c.

For Perennial Varieties, see page 42.

**Stimulant Tablets** give a wonderful "kick" to slow growing annuals. Place a Stimulant Tablet at the base of each lazy plant and then watch it jump!! Trial package 15c; 100 tablets 75c.



Coreopsis Drummondii



Cobæa

## COSMOS

A tall Hardy Annual in the front rank of our mid-season and Autumn flowers. Excellent for cutting.

### BRECK'S MIDSUMMER GIANT

This wonderful Cosmos makes a bushy plant and grows 4 to 5 feet high. It begins to bloom about the middle of July and bears large flowers 4 inches or more in diameter. Seeds should be sown in house or hot-bed but can also be sown outdoors early in May. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.

5790	Blush	5792	Crimson	5794	Pink
	5796	White	5798	Mixed	

### MAMMOTH LATE BLOOMING

5 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

5813	Lady Lenox.	Pink.
5814	Red	5816 White
5820	Klondyke.	Yellow. 4 feet. Pkt. 15c; $\frac{1}{4}$ oz. 60c.

### DOUBLE OR ANEMONE FLOWERED

The flowers of these varieties are full, round and double. The double flowers aside from their novelty and beauty are of lasting quality on the plants or as cut flowers. This class of Cosmos is very variable as to the percentage of double blooms produced and both double and single flowers will often appear on the same plant. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.

5825	Crimson	5835	Pure White
5830	Pink	5836	Mixed

## CUPHEA—Cigar Plant

Half-hardy Perennials, treated as Annuals, will bloom first year from seeds. Free-flowering plants with small tubular blossoms. 1 foot. Pkt. 25c.

5841 Platycentra. Bright scarlet.



Cosmos Breck's Midsummer Giant

### CYNOGLOSSUM

5843 Amabile. (Chinese Forget-me-not). Blue flowers resembling forget-me-nots. 18 inches high. Pkt. 25c.

### CYPRESS VINE

Very pretty vine, having clusters of star-shaped flowers and feathery green foliage. Half-hardy Annual. 10 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 75c.

5845	Scarlet	5846	White	5847	Mixed
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## DAHLIA

We offer seed from the finest collection in Europe. If the seed be started early in a hot-bed an abundance of flowers will be produced the same season. Dahlias thrive in poor soil. The roots should be housed during Winter.

5848 Breck's Art Dahlia. A very interesting type, blooms abundantly the first season from seed. The flowers are medium in size, and for delicate colors well nigh rival Orchids. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.

5850 Cactus. Mixed. Pkt. 25c;  $\frac{1}{4}$  oz. \$2.00.

5853 Coltness Hybrids. A splendid new class of single Dahlias of compact habit about 18 inches high bearing a succession of bloom until frost. Pkt. 35c.

5856 Double Grandiflora. Mixed. Pkt. 25c;  $\frac{1}{4}$  oz. \$2.00.

5858 Dwarf Mignon. The plants of this type are of compact, close habit and produce a mass of flowers of the most brilliant colors from early in the season until frost. Mixed colors. Pkt. 25c.

5860 Peony Flowered. Mixed. Pkt. 25c;  $\frac{1}{4}$  oz. \$2.00.

5862 Pompon. Mixed. 2 feet. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.50.

5864 Single Perfection. Mixed. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.50.

For Dablia Bulbs see pages 99-102.

### DATURA—Trumpet Flower

Handsome ornamental Annuals with large trumpet-shaped flowers. In large clumps or borders of shrubbery these produce an excellent effect. They do well on light sandy soil. 2 to 3 feet.

5867 Cornucopia. White, mottled with royal purple. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.

5868 Golden Queen. Yellow. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.

5870 Mixed. Pkt. 10c; oz. 60c.



Cynoglossum



Didiscus



Dianthus

## DIANTHUS Pinks

This family of "Pinks" is unrivaled for brilliancy and rich variety of color. The plants are bushy, of symmetrical form, and bloom profusely until Autumn, rendering them most satisfactory for Summer flower gardens. Height about 1 foot.

### DOUBLE ANNUAL VARIETIES

- 5875 Chinensis Double Mixed. (China or Indian Pink). Flowers very double; blooms in clusters in a large variety of colors. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.
- 5877 Diadematus Double Mixed. (Double Diadem Pink). Fine double flowers in various shades of crimson, lilac, purple, with the outer edges fringed and nearly white. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.
- 5879 Fireball. Fiery scarlet double flowers. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.00.
- 5881 Salmon King. Beautiful salmon pink. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.00.
- 5883 Snowdrift. Pure white fringed blooms. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.
- 5885 Double Mixed. All varieties. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

### SINGLE ANNUAL VARIETIES

Bushy plants about 1 foot high. Flowers are very large, often two inches across, and freely produced from early Summer until frost. For Summer flower beds their gorgeous colors render them unrivaled. The single varieties are preferable to the double for effectiveness when bedded.

- 5894 Salmon Queen. Delicate salmon red. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.
- 5896 The Bride. Very dwarf and compact; large flower, pure white with crimson eye. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.
- 5898 Single Mixed. All varieties. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

For Perennial Varieties see page 49

### DIDISCUS—Lace Plant

This valuable flower deserves larger cultivation for florist use. Flowers in clusters, borne on long, stout stems. General appearance not unlike lace, and is often referred to as "Lace Plant." 1½ feet.

- 5900 Cœruleus. Light Blue. Pkt. 25c;  $\frac{1}{4}$  oz. 75c.

### DIMORPHOTHECA—South African Daisy

- 5905 Aurantiaca. A rich-flowering Annual of easy culture. The plants which are of neat branching habit, grow from 12 to 15 inches high and produce Marguerite-like blossoms 3 inches in diameter. The color is a beautiful deep golden-orange. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.
- 5906 Aurantiaca Hybrids. These new selected hybrids are like the parent in habit and growth with beautiful and varied colors. Pkt. 15c;  $\frac{1}{4}$  oz. 60c.
- 5907 Aurantiaca Double Hybrids. Mixture of bright colors. Pkt. 35c.

### DOLICHOS—Hyacinth Bean

A rapid-growing, hardy annual climber, with white or purple flowers which are followed by ornamental seed pods. 10 feet. Pkt. 10c; oz. 50c.

- 5910 Darkness. Purple. 5911 Daylight. White.
- 5912 Mixed.

### ECHINOCYSTIS—Wild Cucumber

Rapid growing vine with bright green foliage and clusters of white flowers. Excellent for covering old fences, trellises, etc.

- 5914 Lobata. Pkt. 10c; oz. 50c.



Dimorphotheca

## ESCHSCHOLTZIA California Poppy

Beautiful and popular Annuals of easy culture forming bushy plants 1 foot high. The large saucer-shaped flowers are produced abundantly from Spring until frost.

- 5920 Alba. Pure white. Pkt. 10c; oz. 50c.
- 5921 Crocea Fl. Pl. Very fine double; large orange flowers, like a Marechal Neil Rose. Pkt. 15c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.
- 5923 Golden West. An improved strain of, Californica. Yellow with orange centre. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 75c.
- 5924 Mandarin. Rich deep orange, shaded crimson; fine compact habit. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.
- 5925 Mikado. Orange crimson. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.
- 5926 Rose Queen. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.
- 5927 The Geisha. Petals fluted; color brilliant gold suffused crimson. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.
- 5929 Fine Mixed. 1 foot. Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00.
- 5930 Breck's Giant Mixed. Pkt. 15c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.
- 59321 Collection (6 distinct colors). For 60c.

### ERYSIMUM

Attractive hardy Annuals for mixed borders, lasting a long time in bloom. 2 feet. Pkt. 15c;  $\frac{1}{4}$  oz. 35c.

- 5933 Arkansanum. Yellow.
- 5934 Perofskianum. Orange.

### EUPHORBIA

Hardy Annuals with ornamental foliage growing about 2 feet high.

- 5935 Heterophylla (Mexican Fire Plant). Large glossy green leaves which turn to an orange-scarlet. Pkt. 15c;  $\frac{1}{4}$  oz. 60c.
- 5936 Variegata (Snow on the Mountain). Variegated green and white foliage. Excellent for bouquets. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.



Gaillardia

## GAILLARDIA Blanket Flower

The Gaillardia is almost unique in varied brilliancy of coloring—the blending of the rich shades of brown, maroon, and gold being particularly striking. Useful for beds, borders and cutting. Height 2 to 3 feet.

- 5940 Amblyodon. Single deep red. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.
- 5942 Double White (The Bride). Pkt. 15c;  $\frac{1}{4}$  oz. 50c.
- 5944 Lorenziana Double Mixed. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.
- 5946 Breck's Superb Strain. Single and Double Mixed. Pkt. 15c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.
- 5948 Single Mixed. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 75c.

## GAURA

A gracefully branching plant bearing long spikes of white, rose-tinted flowers; blooms from seed the first season. 2 feet.

- 5950 Lindheimeri. Pkt. 10c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.

## GILIA

Old-fashioned hardy Annuals suitable for borders and rock work. They bloom profusely throughout the season. 1 foot.

- 5951 Capitata. Lavender blue. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.
- 5952 Tricolor Mixed. White, lilac, and purple mixed. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

## GLOBE AMARANTH Gomphrena

These Everlastings are old favorites for Winter bouquets. The flowers are globular in form, of delicate colors, and retain their beauty for years. They should be grown in good rich loam. 1½ feet. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

- 5955 Orange 5958 Violet 5961 Mixed
- 5956 Rose 5960 White



Godetia



Euphorbia Variegata

## GODETIA Satin Flower

Few Annuals are more beautiful than the Godetia. Flowers of fine size, of exquisite colors, that glisten in the sunlight like satin. Compact and bushy in growth. Height 1 to 2 feet.

- 5964 Breck's Double Crimson. Tall, very bright color. 2 feet. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.
- 5965 Crimson Glow. Dwarf. 1 foot. Pkt. 10c;  $\frac{1}{4}$  oz. 60c.
- 5967 Duchess of Albany. Dwarf, pure white. 1 foot. Pkt. 10c;  $\frac{1}{4}$  oz. 60c.
- 5968 Breck's New Lavender. Tall, pale lavender. 18 inches. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.
- 5971 Lady Albemarle. Compact, brilliant carmine. 1 foot. Pkt. 10c;  $\frac{1}{4}$  oz. 60c.
- 5972 Breck's Double Mauve. Clear pinkish-mauve. 2 feet. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.
- 5974 Mandarin. Pale Yellow. 18 inches. Pkt. 10c;  $\frac{1}{4}$  oz. 60c.
- 5976 Breck's Double Pink. Tall, double flowers. 2 feet. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.
- 5978 Rosy Morn. Beautiful shade of coral pink. 2 feet. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.
- 5979 Breck's Special Mixture. Single and double varieties mixed. Pkt. 10c;  $\frac{1}{4}$  oz. 30c.
- 59791 Collection (6 distinct colors). For 60c.

## GORDS

Quick-growing, interesting annual climbers, useful for covering arbors, walls or fences. Ornamental foliage, with fruit in many peculiar shapes.

- 5982 Apple-shaped. Small fruit. Pkt. 10c; oz. 40c.
- 5983 Bottle-shaped. Pkt. 10c; oz. 40c.
- 5986 Egg-shaped. White nest-egg. Pkt. 10c; oz. 50c.
- 5989 Gooseberry-shaped. Pkt. 10c; oz. 75c.
- 5990 Hercules' Club. Long white. Pkt. 10c; oz. 50c.
- 5991 Lemon-shaped. Pkt. 10c; oz. 40c.
- 5992 Orange-shaped. Pkt. 10c; oz. 50c.
- 5993 Pear-shaped. Pkt. 10c; oz. 50c.
- 5995 Mixed. Pkt. 10c; oz. 30c.
- 59991 Collection (12 distinct varieties). For \$1.00.

## GRASSES—Ornamental

The ornamental grasses are a most valuable class of plants for the lawn or shrub border. The Annual sorts are particularly pretty on account of the graceful, feathery-flowered panicles which are used in bouquets.

- 6000 Agrostis Nebulosa. Ornamental and graceful habit. 18 inches. Pkt. 10c.
- 6001 Agrostis Pulchella. Suitable for mixing with flowers. 6 inches. Pkt. 10c.
- 6004 Briza Maxima. One of the best ornamental grasses. 2 feet. Pkt. 10c.
- 6005 Bromus Briziformis. A choice and valuable variety. 1 foot. Pkt. 10c.
- 6010 Hordeum Jubatum. Very handsome plumes. 18 inches. Pkt. 10c.
- 6011 Lagurus Ovatus. Hare's tail grass. 18 inches. Pkt. 10c.
- 6012 Pennisetum Longistylum. 2 feet. Pkt. 10c.
- 6013 Pennisetum Rueppelianum. Pkt. 15c.
- 60191 Collection (12 Varieties). For \$1.00.

## GYPSOPHILA—Baby's Breath

Bushy, free-flowing plants, producing great numbers of small white flowers in loose, graceful panicles. They are especially valuable in making bouquets. 1 ft.

- 6020 Breck's Giant White. Pure white. Pkt. 15c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.
- 6022 Elegans Rosea. Rose. Pkt. 10c;  $\frac{1}{4}$  oz. 15c; oz. 50c.
- 6023 Muralis. Red. Pkt. 15c;  $\frac{1}{4}$  oz. 40c; oz. \$1.50.



Helichrysum

**HELICHRYSUM—Everlastings**

The best known of all the Everlastings. They should be gathered when partially unfolded and suspended with their heads downward in a cool place. They prefer a rich, loamy soil. 1 to 2 feet.

- 6026 Album. White. Pkt. 10c;  $\frac{1}{4}$  oz. 40c; oz. \$1.25.
- 6027 Salmon. Pkt. 10c;  $\frac{1}{4}$  oz. 40c; oz. \$1.25.
- 6028 Fireball. Crimson. Pkt. 10c;  $\frac{1}{4}$  oz. 40c; oz. \$1.25.
- 6029 Golden Globe. Yellow. Pkt. 10c;  $\frac{1}{4}$  oz. 40c; oz. \$1.25.
- 6030 Purpureum. Violet. Pkt. 10c;  $\frac{1}{4}$  oz. 40c; oz. \$1.25.
- 6031 Roseum. Rose. Pkt. 10c;  $\frac{1}{4}$  oz. 40c; oz. \$1.25.
- 6032 Choice Mixed. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.
- 6033 Dwarf Mixed. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.
- 60341 Collection (6 distinct colors). For 50c.

**HIBISCUS—Mallow**

Vigorous plants. Fine for mixed beds and borders.

- 6035 Africanus (African Rose). Yellow with brown center. 2 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.

**HOLLYHOCK—Althea**

The annual Hollyhocks grow to a height of 5 feet. Seeds sown early in Spring will bloom in August of same year.

- 6038 Double Mixed. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.
- 6040 Single Mixed. Pkt. 15c;  $\frac{1}{4}$  oz. 60c.

For Perennial Varieties see page 45

**HUMULUS—Hop**

Popular climbing vines having dense luxuriant foliage, valuable for covering trellises and verandas.

- 6042 Japonica. Green foliage. 20 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.
- 6044 Japonica Variegata. Variegated foliage. 20 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

**HUNNEMANNIA—Giant Tulip Poppy**

This is the best Poppy for cutting as it remains in good condition for several days. The plants, which grow about 2 feet high, produce large poppy-like flowers until late in the Autumn.

- 6046 Fumariæfolia. Yellow. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.



Larkspur Breck's Giant Stock Flowered

**IPOMÆA**

Rapid-growing climbers, excellent for covering arbors, trellises, etc., their luxuriant foliage with their fragrant flowers forming a beautiful dense screen.

- 6047 Double Snow Fairy. Large pure white tassel like flowers. Pkt. 15c;  $\frac{1}{4}$  oz. 35c.
- 6048 Imperialis Mixed. (Japanese morning glory). Enormous flowers spotted, striped and flaked. Pkt. 10c; oz. 50c.  $\frac{1}{4}$  lb. \$1.50.
- 6049 Purpurea Mixed. (Common morning glory). Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.
- 6050 Bona Nox (Evening Glory). White. Pkt. 10c; oz. 60c.
- 6051 Coccinea (Star Ipomœa). Scarlet. Pkt. 10c; oz. 60c.
- 6052 Heavenly Blue. Blue. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.75.
- 6053 Hederacea Superba (Ivy leaved). Blue. Pkt. 10c; oz. 50c.
- 6054 Hybrida (Cardinal Climber). Scarlet. Strong and rapid grower with attractive foliage covered with a blaze of bright cardinal red flowers. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.00.
- 6055 Limbata Elegantissima. Blue and white. Pkt. 10c; oz. 60c.
- 6056 Mexicana Grandiflora Alba (Moon Flower). Large white flowers. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.
- 6057 Purpurea Fl. Pl. Double flowered morning glory. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.
- 6058 Setosa (Brazilian Morning Glory). Rose-colored flowers. Pkt. 15c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.

**JACOBÉA—Senecio**

Strong growing annuals producing large heads of double flowers freely. Valuable for cutting. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.50.

6059 Crimson	6062 Rose
6060 Lilac	6063 White
6061 Purple	6064 Mixed

**KENILWORTH IVY**

A creeping ivy-like plant, which bears small but very pretty blue flowers with yellow throat. Splendid for hanging baskets

- 6066 Linaria Cymbalaria. Pkt. 15c.

**KOCHIA—Mexican Firebush**

A magnificent plant for grouping, or as a specimen in the border. Its remarkable features are its rapid growth and the beautiful red coloring the foliage takes on in the Autumn.

6067 **Trichophylla.** Bright green foliage turning to red in the Autumn. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 75c.

**LANTANA HYBRIDA**

These new hybrids are most elegant and showy—quite a novelty in bedding plants. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.75.

6068 **Dwarf Compact Hybrids.** 6069 **Tall Mixed.**

**LARKSPUR—Annual Delphinium**

Fine for cut flowers. These can be sown outdoors in April or May, and afterwards thinned out to about nine inches apart.

**BRECK'S GIANT STOCK FLOWEDED**

Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

6070	Dark Blue	6074	Rose
6071	Flesh Pink	6075	Rosy Scarlet
6072	Lilac	6076	White
6073	Lustrous Carmine	6077	Mixed
60781	Collection. (6 distinct colors).		For 75c.

**OTHER VARIETIES**

6079 **Azure Fairy.** Cambridge blue. Pkt. 25c;  $\frac{1}{4}$  oz. 75c.

6080 **Blue Butterfly.** Lovely Salvia blue, bushy form. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.00.

6081 **Violet Queen.** Violet blue. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.00.

For Perennial Varieties see page 42

**LAVATERA—Mallow**

One of the best hardy annuals for cutting, producing freely, large, single flowers which last a long time in water.

6085 **Arborea Variegata.** Red. 5 feet. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

6086 **Splendens Alba.** Large white flowers. 3 feet. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

6087 **Splendens Rosea.** Rose. 3 feet. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

6089 **Splendens Sunset.** This new variety "Sunset" we claim to be a great advance on any Lavatera yet introduced—the charming brightness of its color, a very deep rose pink, being most effective. 2½ to 3 feet. Excellent for bedding.

Pkt. 25c;  $\frac{1}{4}$  oz. 75c.

6092 **Splendens Mixed.** Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

**LAYIA**

A California Annual with large yellow flowers edged with white.

6093 **Elegans.** 1 foot. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.

**LEPTOSYNE**

Attractive plants somewhat resembling the Coreopsis, having bright yellow flowers; useful for cutting. 2 feet.

6095 **Maritima.** Yellow. Pkt. 15c;  $\frac{1}{4}$  oz. 75c; oz. \$2.50.

6096 **Stillmani.** Yellow marguerite. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.00.

**LIMNANTHES**

Dwarf hardy annual bearing small fragrant yellow and white flowers; splendid for bees. Thrives in damp shady places. 1 foot.

6098 **Douglasii.** White and yellow. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.

**LINARIA—Toad Flax**

Plants having long spikes of Snapdragon-shaped flowers and narrow green leaves. Excellent for cutting. It thrives in sunny spots and is very useful for winter pot culture. 1 foot.

6100 **Maroccana Alba.** White. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

6101 **Maroccana.** Purple. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

6102 **Maroccana Hybrids.** Mixed. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

**LINUM—Flax**

Very pretty, free-flowering garden plants of easy cultivation. Excellent for bedding.

6105 **Cœruleum.** Blue. 2 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

6107 **Rubrum (Scarlet Flax).** 1½ feet. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

**LOBELIA**

A group of plants valuable for bedding purposes on account of their compact growth and profusion of flowers; they are also useful for pot culture, hanging baskets, etc.; continuous bloomers from June to November.

6111 **Compacta Blue Wings.** The individual flowers are unusually large, rich in hue, while avoiding the extreme darkness which sometimes detracts from the popular "Crystal Palace" variety. 4 inches. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.50.

6112 **Crystal Palace Compacta.** Beautiful Victoria Blue. Fine bedding variety. 4 inches. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.25.

6115 **Royal Purple.** Deep blue flowers and distinct white eye. 6 inches. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.

6117 **White Gem.** 4 inches. Pkt. 15c;  $\frac{1}{8}$  oz. \$1.00.

6118 **Gracilis.** Dark blue, spreading habit and free-flowering, most suitable for vases, hanging baskets, etc. Pkt. 10c;  $\frac{1}{4}$  oz. 60c.

6119 **Hybrida Sapphire.** The flowers are unusually large, of a deep sapphire blue enhanced by a clearly defined pure white eye and displayed in long graceful sprays. Pkt. 25c.

6120 **Speciosa.** Blue, spreading habit. Pkt. 10c;  $\frac{1}{8}$  oz. 50c.

**LUPINUS**

Strong and robust plants, especially for shrubberies and borders when their tall graceful spikes show to advantage. 2 feet.

6122 **Breck's Light Pink.** Pkt. 15c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.

6123 **Cruickshankii.** Blue and yellow. Pkt. 10c; oz. 50c.

6124 **Hartwegii.** Dark Blue. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 75c.

6125 **Hartwegii.** Light Blue. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 75c.

6126 **Hartwegii.** Rose. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 75c.

6127 **Hartwegii.** White. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 75c.

6128 **Annual Mixed.** Pkt. 10c; oz. 50c.

For Perennial Varieties see page 46

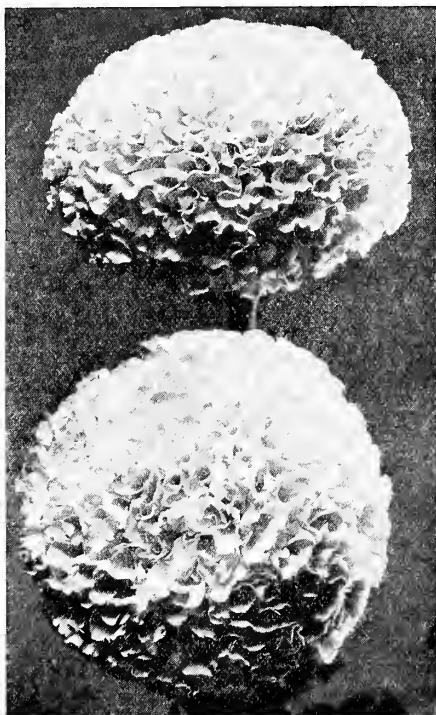
**MALOPE GRANDIFLORA**

Beautiful Annuals, very showy and useful for cutting. They have a beautiful effect sown in masses in the open border. 2½ feet. Pkt. 10c;  $\frac{1}{4}$  oz. 20c; oz. 60c.

6130 **Crimson** 6131 **Pink** 6132 **White** 6133 **Mixed**



Lavatera



Breck's Sunburst



Signata Pumila



Breck's Dwarf Lemon

## MARIGOLD TAGETES

For adding shades of yellow to the garden in late Summer and Autumn the African and French Marigolds are unsurpassed. They make attractive beds when grown together, the dwarf French sorts being used for edging; both sorts are also very desirable for borders or for brightening up any bare or colorless spots. Sowing should not be made outdoors until danger from frost is past.

### DOUBLE AFRICAN VARIETIES

6135 Breck's Sunburst Lemon. Clear lemon-yellow flowers of a perfectly globular form, 4 to 5 inches in diameter. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.

6136 Breck's Sunburst Orange. Deep orange yellow, of perfect form, 4 to 5 inches in diameter. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.

6137 Breck's Sunburst, Mixed. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.

6138 Dwarf Orange Prince. We feel that we can confidently predict for this variety a great measure of popular favor. The symmetrical compact plants do not exceed 2 feet in height, bearing from ground to summit large well-formed flowers of glowing orange, quite equal in size, shape, and quality to those of the finest tall sorts. Pkt. 35c.

6142 Scotch Prize. Mixed. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.

6143 Collection (6 distinct varieties). For 50c.

### DOUBLE FRENCH VARIETIES

6144 Breck's Dwarf Choice Mixed. Pkt. 10c;  $\frac{1}{4}$  oz. 30c.

6145 Breck's Tall Choice Mixed. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

6146 Breck's Dwarf Lemon. 1 foot. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.

6147 Breck's Dwarf Orange. 1 foot. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.

6148 Breck's Dwarf Mahogany. 1 foot. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.

61491 Collection (6 varieties). For 50c.

### SINGLE VARIETIES

6150 Breck's Pride of the Garden. Very free-blooming, dwarf and compact. Yellow with maroon blotch. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

6151 Legion of Honor. Golden yellow with large brown blotch. Pkt. 10c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.

6152 Signata Pumila. Miniature flowers of deep yellow, fine for edging. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.

### MARTYNIA

Gloxinia-shaped flowers, sweetly scented. The flowers are followed by curiously formed fruit.

6154 Fragrans. Crimson and purple. 1 $\frac{1}{2}$  feet. Pkt. 10c.

### MATHIOLA—Evening Scented Stock

A hardy annual having flowers which throw out a strong pleasant perfume in the evening. 1 $\frac{1}{2}$  feet.

6156 Bicornis. Light lilac. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.

### MATRICARIA—Feverfew

A very pretty plant for the Summer garden, profuse bloomer.

6159 Golden Ball. Suitable for beds or borders with striking double flowers. 1 foot. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.00.

6160 Silver Ball. Double white flowers which make a fine contrast with Golden Ball. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.00.

### MIGNONETTE

Well known, fragrant favorites, delightful for working into bouquets. For Winter flowering seed should be sown in July.

6171 Breck's Colossal. A strong growing variety producing immense spikes of reddish-green, deliciously fragrant flowers. A splendid variety for the greenhouse. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.50.

6172 Breck's Selected Giant Machet. Red. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

6173 Allan's Defiance. Red. 1 $\frac{1}{2}$  feet. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.

6174 Bismarck. Machet type, reddish-colored flowers. Pkt. 15c;  $\frac{1}{4}$  oz. 60c; oz. \$2.00.

6176 Golden Machet. Pkt. 15c;  $\frac{1}{4}$  oz. 60c; oz. \$2.00.

6177 Odorata Grandiflora. Old-fashioned sweet scented. 1 foot. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

**MIMOSA—Sensitive Plant**

A tender Annual, the leaves of which have a peculiar habit of closing if touched or shaken. 1 foot.

6180 *Pudica*. Pink Flowers. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

**MIRABILIS****Marvel of Peru or Four O'Clock**

A bushy rapid-growing plant bearing clusters of long tube-shaped flowers which do not open until late in the afternoon. Splendid for beds or borders. 1 to 2 feet.

6186 Fine Mixed. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

6187 Tom Thumb Mixed. Compact bedding variety suitable also for pot plants. Pkt. 15c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.

**MOMORDICA**

Handsome climbing vines with inconspicuous flowers, but having large, warty, golden-yellow fruits, which, when ripe, split open and display showy, bright red seeds.

6192 *Balsaminia* (Balsam Apple). Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

6193 *Charantia*. (Balsam Pear). Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

**NASTURTIUM—Tropæolum**

These are among the most popular of hardy Annuals. The Tall varieties are without equal for covering trellises or rockeries. The Dwarf sorts are invaluable for bedding or edgings. For beauty and profusion of bloom they cannot be excelled. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

**DWARF VARIETIES**

- 6195 Aurora. A rich warm terra-cotta.
- 6196 Beauty. Yellow and scarlet.
- 6198 Bronze. Reddish gold.
- 6200 Crimson. A rich deep shade.
- 6201 Crystal Palace Gem. Yellow spotted maroon.
- 6202 Cloth of Gold. Scarlet yellow foliage.
- 6203 Empress of India. Dark-leaved Crimson.
- 6204 Golden King. Yellow, dark leaved.
- 6205 King of Tom Thumbs. Scarlet, dark leaved.
- 6206 King Theodore. Purple-garnet, dark leaved.
- 6207 Pearl. Amber white.
- 6208 Queen of Tom Thumbs. Variegated leaved, mixed.
- 6209 Rose. A deep shade.
- 6212 Yellow. A pale shade of sulphur.

**TALL or CLIMBING VARIETIES**

- 6215 Butterfly. Sunflower yellow spotted salmon pink.
- 6216 Crimson. Velvety crimson.
- 6217 Edward Otto. Brownish lilac, an odd shade.



Nasturtium Breck's Rainbow Mixture

- 6218 King Theodore. Purple-garnet, dark leaved.
- 6220 Moonlight. Amber white.
- 6221 Rose. A beautiful salmon rose.
- 6222 Scarlet. Vivid scarlet. Dark foliage.
- 6223 Spitfire. Rosy scarlet.
- 6225 Sunlight. A bright glowing orange shade.
- 6226 Twilight. Delicate salmon.
- 6227 Vesuvius. Salmon rose.
- 6228 Yellow. Sunflower yellow, a valuable variety.

**MIXTURES AND COLLECTIONS****BRECK'S DWARF RAINBOW MIXTURE**

- 6213 PKT. 10c; OZ. 20c;  $\frac{1}{4}$  LB. 50c; LB. \$1.75.
- 62140 DWARF COLLECTION. (6 colors). For 50c.
- 62141 DWARF COLLECTION. (12 colors). For \$1.00.

**BRECK'S TALL RAINBOW MIXTURE**

- 6230 PKT. 10c; OZ. 20c;  $\frac{1}{4}$  LB. 50c; LB. \$1.75.
- 62340 TALL COLLECTION. (6 colors). For 50c.
- 62341 TALL COLLECTION. (12 colors). For \$1.00.

**NEMESIA**

Its value both for outdoor bedding and cool greenhouse culture cannot be surpassed. Its popularity is gaining each year. Nemesia is undoubtedly one of the most beautiful Annuals that has been introduced in cultivation for some years past. Pkt. 25c.

- 6256 Blue Gem. 6259 Orange King.
- 6257 Fire King. 6260 White Gem.
- 6258 Golden-Yellow.
- 6262 *Strumosa Suttonii*. A special selection of great beauty,

the plants forming dense bushes completely smothered with flowers, so as almost to hide the foliage. The colors are pretty and varied. Pkt. 25c; 1/16 oz. \$1.00.

**NEMOPHILA**

Beautiful hardy Annuals producing an abundance of bright bell-shaped flowers all Summer. They grow best in moist, partly shaded situations. 1 foot. Pkt. 10c; oz. 50c.

- 6265 Insignis. Blue.
- 6266 Mixed.

**The Book of Annuals.** A book of inestimable value to all growers of Annual Flower Seeds. Cloth bound, fully illustrated. Per copy \$1.65 post paid.

## NICOTIANA Tobacco Plant

Free-blooming plants producing clusters of brilliantly colored fragrant tube-shaped flowers. Half-hardy Annuals.

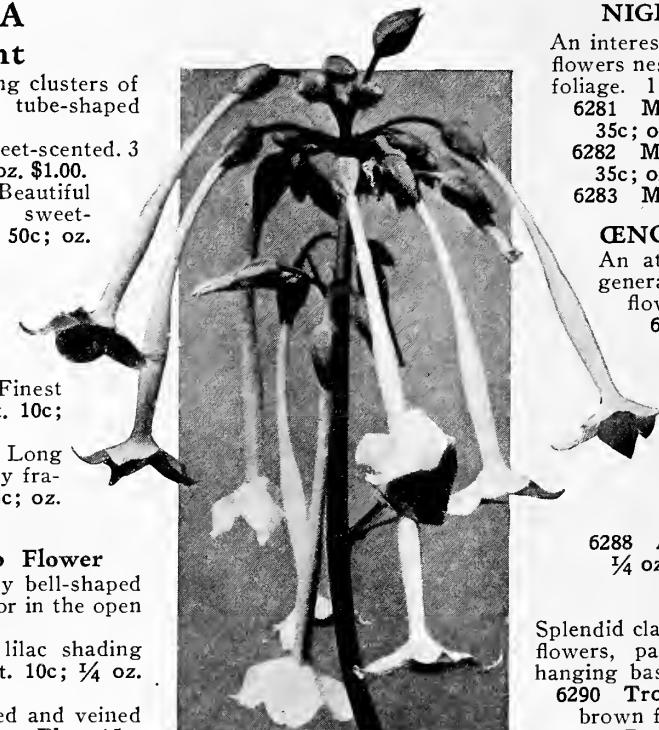
6270 *Affinis*. Pure white sweet-scented. 3 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.

6271 *Affinis Hybrids*. Beautiful bright colored flowers sweet-scented. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

6272 *Sanderæ*. Excellent variety producing masses of carmine red flowers. Pkt. 10c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

6273 *Sanderæ Hybrids*. Finest mixture of all colors. Pkt. 10c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

6274 *Sylvestris*. 4 to 5 feet. Long white tubular flowers; very fragrant. Pkt. 10c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.



Nicotiana Sylvestris

### NIEREMBERGIA—Cup Flower

A handsome plant with showy bell-shaped flowers; useful as a pot plant or in the open border. 1 foot.

6276 *Frutescens*. Delicate lilac shading to white at the edge. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.

6277 *Gracilis*. White, shaded and veined purple with a yellow throat. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

## NIGELLA—Love-in-the-Mist

An interesting Annual with curious double flowers nestling in its feathery, bright green foliage. 1½ feet.

6281 *Miss Jekyll Blue*. Pkt. 10c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.

6282 *Miss Jekyll White*. Pkt. 10c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.

6283 *Mixed*. Pkt. 10c; oz. 50c.

## CENOTHERA—Evening Primrose

An attractive family worthy of more general cultivation. Splendid large flowering plants, free blooming.

6285 *Bistorta Veitchiana*. Very dwarf bright yellow. 1 foot. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

6286 *Rosea Mexicana*. Rose.  $\frac{3}{4}$  foot. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

6287 *Taraxacifolia Alba*. Large white flowers trailing habit. Pkt. 15c;  $\frac{1}{4}$  oz. 60c.

6288 *Annual Varieties Mixed*. Pkt. 10c;  $\frac{1}{4}$  oz. 30c.

## OXALIS

Splendid class of plants with brilliant colored flowers, particularly suited to rock-work, hanging baskets, vases, etc.

6290 *Tropæoloides*. Yellow with rich brown foliage. Pkt. 15c.

6291 *Rosea*. Bright rose flowers. Fine for hanging pots. Pkt. 25c.

## PANSIES

Many years of scientific culture, hybridization and selection in raising Pansies have gradually evolved a superior race of luxuriant, robust growth, and deep-rooting, drought-resisting qualities. The flowers have also correspondingly improved in size, substance, form, and variety of colors. The varieties we offer are of the Giant Type, many wonderfully marked and blotched, and all of the most brilliant and attractive colorings. Pansies thrive best in cool moist semi-shaded positions. Seed should be sown in the early Spring for good flowering plants in the Autumn, or in July or August for strong plants the following Spring. For fertilizing we recommend Bone Fertilizer and Pulverized Sheep Manure.

6295 *Breck's Boston Prize Mixed*. A distinct type of Pansies of greatest merit. The plants are of compact bushy form. They root unusually deeply and in consequence are not susceptible to drought and heat. The flower stems are particularly strong and rigid, holding the flowers upright. Flowers are giant in size and show a profusion of colors. Pkt. 50c;  $\frac{1}{8}$  oz. \$2.50.

6299 *Breck's International Prize Mixed*. A splendid mixture for the florist or amateur gardener. Embraces countless colors and markings. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.50.

6303 *Madame Perret*. Red and wine shades. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.50; oz. \$5.00.

6304 *Masterpiece*. Enormous flowers undulated or curled, fine rich colors. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.25.

### TRIMARDEAU or GIANT FLOWERING

A most popular strain on account of the strong, sturdy plants and enormous flowers. Pkt. 15c;  $\frac{1}{8}$  oz. 75c;  $\frac{1}{4}$  oz. \$1.25.

6310 *Atropurpurea*. Purple. 6312 *Bismarck*. Bronze.

6311 *Azure Blue*. 6314 *Cardinal*. Red.

6315 *Cornflower Blue*. Blue.

6316 *Fire King*. Yellow and crimson.

6317 *Golden-Yellow*. Pure yellow.

6319 *King of Blacks*.

6320 *Lord Beaconsfield*. Violet shading to white.

6322 *Pure White*. 6325 *Violet Blue*.

6326 *White, with dark eye*.

6327 *Yellow, with black eye*.

6328 *Trimardeau Mixed*.

63291 *Collection (6 colors)*. For 50c.

### TUFTED PANSIES

See *Viola cornuta*, page 49

Massachusetts Agricultural College,  
Market Garden Field Station.  
Waltham, June 5, 1928.

Breck's, Boston.

Gentlemen:-

Your Boston Prize Mixed Pansies have proved to be the glory of my garden and the admiration of my friends. The blooms are, in my estimation, the aristocrats of spring flowers. This mixture will certainly commend itself to all pansy lovers who try it.

Very sincerely yours,

Ray M. Koon,

In charge Market Garden Field Station.

## PENTSTEMON

Beautiful plants with broad green foliage and spikes of long, tubular flowers. Plants bloom from seed the first year if sown indoors in March. 2 feet.

6350 *Gentianoides Mixed*. The colorings and markings are wonderful. Pkt. 25c.

6352 *Grandiflorus Newest Hybrids*. The best strain for cutting. Pkt. 50c.

## PERILLA

Ornamental Annuals with dark purple leaves resembling those of Coleus; useful for beds and borders. 2 feet.

6355 *Nankinensis*. Purple-bronze. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.



Petunia

## PETUNIAS

Free-flowering, sweet-scented and easily cultivated. They are well-known favorites, effective and beautiful in borders, beds, vases, etc. They thrive in almost any soil and produce a brilliant array of color throughout a long season. We call special attention to the collections offered. The seed is all saved from the finest stocks known to us.

### BRECK'S SINGLE GIANTS

- 6360 Breck's Giant Exhibition Strain. The quality of this strain is unrivalled, the flowers being gigantic in size, beautiful in shape, deep-throated, and of various and brilliant colors. Pkt. 75c; 1/32 oz. \$5.00.
- 6361 Breck's Ruffled Giants. A splendid selection of single fringed Petunias, flowers of extraordinary size and substance. Pkt. 50c; 1/32 oz. \$3.00.
- 6362 Breck's Velvet Violet Blue (True). This is a great acquisition to the Petunia family and should be grown by all lovers of flowers. It is extensively used for window boxes. This seed is especially grown for us and is true to name and color. Pkt. 50c; 1/32 oz. \$3.50.
- 6363 Giants of California. Flowers very large, in superb colors with deep yellow throat. Pkt. 25c; 1/32 oz. \$2.50.
- 6364 Breck's Steely Blue. Flowers wonderfully veined like Salpiglossis. Pkt. 50c.

### BRECK'S DOUBLE GIANTS

- 6368 Breck's Double Prize Mixed. A magnificent strain. Will produce a large percentage of double flowers of the largest fringed varieties in many colors and tints. Pkt. 75c; 1/64 oz. \$10.00.
- 6370 Choice Double Mixed. An exceptionally fine strain, remarkable for the large, beautifully colored double flowers of finest texture. Pkt. 50c; 1/64 oz. \$7.50.
- 6371 Collection (6 varieties Large-Flowered Double). For \$1.00.

### SINGLE BEDDING PETUNIAS

- 6372 Alba. Pure White. Pkt. 10c; 1/4 oz. 50c; oz. \$1.50.
- 6374 Howard's Star. Rich crimson with a distinct white star in centre. Pkt. 15c; 1/4 oz. 60c; oz. \$1.75.
- 6375 Kermesina. Crimson. Pkt. 10c; 1/4 oz. 50c; oz. \$1.50.



Phlox Drummondii

- 6376 Rose of Heaven. Brilliant clear rose valuable for bedding also as potted plants for Greenhouse and Conservatories. Pkt. 15c; 1/4 oz. \$1.25; oz. \$4.00.
- 6377 Rosy Morn. Light Pink with white throat, makes a very effective border. Pkt. 15c; 1/4 oz. \$1.25; oz. \$4.00.
- 6378 Snowball. A dwarf compact variety, producing satin white flowers. Pkt. 10c; 1/4 oz. \$1.00; oz. \$3.50.
- 6379 Striped and Blotched. The flowers are beautifully striped and blotched. The plants are dwarf. Fine for massing. Pkt. 10c; 1/4 oz. \$1.00.
- 6380 Choice Single Mixed. A good mixture for bedding, baskets, vases, etc. Pkt. 10c; 1/4 oz. 75c; oz. \$2.25.
- 6381 Collection (6 separate varieties). For 60c.

### BALCONY PETUNIAS

A variety first introduced in Europe a few years ago. The plants are dwarf and compact, and grow from 9 to 12 inches in height. During the Summer the plants are a mass of single flowers, and continue to bloom until frost. For window, balcony, or porch boxes the Balcony Petunia is of unusual and outstanding merit. Pkt. 25c; 1/8 oz. \$2.00.

- 6382 Blue. 6386 Pure White. 6389 Choice Mixed.
- 6384 Dark Red. 6388 Rose.

### PHACELIA

An early-flowering Annual with pretty blue flowers. 9 inches. 6390 Campanularia. Blue. Pkt. 10c; 1/4 oz. 50c.

### PHLOX DRUMMONDII

An extremely beautiful class of plants producing an abundance of bloom throughout the Summer. The flowers which are borne in immense trusses, are found in a variety of beautiful colors. Hardy Annuals. 1 foot. Pkt. 10c; 1/4 oz. 75c; oz. \$2.50.

6395 Blood Red (Black Warrior)	6400 Pure White
6396 Blush Pink	6401 Scarlet
6397 Dark Scarlet, white eye	6402 Striped
6398 Pink	6403 White, purple eye
6399 Purple	6404 Yellow
6405 Breck's Prize Strain. Mixed from the most beautiful and brilliant colors.	
64091 Collection (6 distinct colors).	For 50c.

## PHLOX DRUMMONDII NANA COMPACTA

A valuable class of dwarf compact Phlox of many colors and very suitable for bedding or pot culture. 6 inches. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.50.

- 6410 Apricot. A lovely delicate shade.
- 6411 Carmine. A brilliant color.
- 6412 Chamoise Rose. Beautiful deep pink.
- 6413 Crimson. A deep dark shade.
- 6414 Dark blue. Deep purplish blue.
- 6415 Salmon Rose. A beautiful color.
- 6416 Scarlet. Brilliant deep scarlet.
- 6417 White. Pure white.
- 6418 Yellow. Buff yellow.
- 6419 Choice Mixed.

## PHYSALIS—Chinese Lantern Plant

Recently this decorative plant has jumped into great popularity, and it has become a feature in the Florist Shops in autumn because of its bright orange-scarlet Lantern-like fruits. If seed is sown early it will bloom the first year. We therefore list it among the annuals. An interesting plant, grown for its bright orange-red fruit. 2 feet.

- 6425 Francheti. Pkt. 15c;  
 $\frac{1}{4}$  oz. 75c; oz. \$2.50.



Poppy Eldorado Double

### SINGLE ANNUAL VARIETIES

- 6430 Breck's Selected Shirley Mixed. An extra choice strain of these charming Poppies. We pay special attention to the selection of colors which contain pure white, pink, terra-cotta, salmon, chamois, rosy carmine to deepest crimson, and rosy red. Many of the flowers are beautifully flaked or edged with white. 1½ feet. Pkt. 10c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.
- 6436 English Scarlet Field Poppy. This single Poppy is so much admired by tourists in Europe where it grows wild on railroad banks and in the fields. 1½ feet. Pkt. 15c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.
- 6438 Flanders Field. Our original stock having been saved in the fields of Flanders will prove true. For a color effect there is nothing quite so brilliant as a bed of these crimson Poppies. 1½ feet. Pkt. 15c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.
- 6440 Glaucum (Tulip Poppy). Dazzling scarlet. 1 foot. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.
- 6444 Mephisto. Scarlet with black spots. 2 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.
- 6446 Miss Sherwood. Satiny white, shading to bright rose. 2½ feet. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.
- 6450 Picotée. Beautiful white, with well defined crimson edge. Pkt. 10c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.
- 6451 Shirley Wild Rose. Pink. Pkt. 15c;  $\frac{1}{4}$  oz. 50c. oz. \$1.50.
- 6453 Collection of Shirley Poppies. (12 distinct colors). For 75c.

## PORTULACA Sun Plant

Beautiful little plants which will bloom profusely all Summer. Their richly colored flowers make an effective and brilliant display when planted in large beds and masses. Hardy Annual.  $\frac{1}{2}$  foot. Pkt. 10c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50

- 6480 Single Crimson
- 6481 Single Pink
- 6482 Single Scarlet
- 6483 Single Striped
- 6484 Single White

- 6485 Single Yellow
- 6486 Single Mixed
- 64891 Collection Single. (6 colors). 50c.
- 6490 Double Mixed. Producing a large percentage of double flowers. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.25; oz. \$4.00.

## PYRETHRUM AUREUM

- 6495 Golden Feather. A foliage plant, valuable for bedding. 6 to 8 inches. Pkt. 10c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

## RHODANTHE—Everlasting

- Neat, slender plants bearing graceful, nodding heads of flowers. Hardy Annual. 1½ feet. Pkt. 10c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.
- 6500 Maculata. Rose and crimson.
- 6501 Maculata alba. White.
- 6502 Mangoldii. Rose.
- 6503 Mixed.

## POPPY

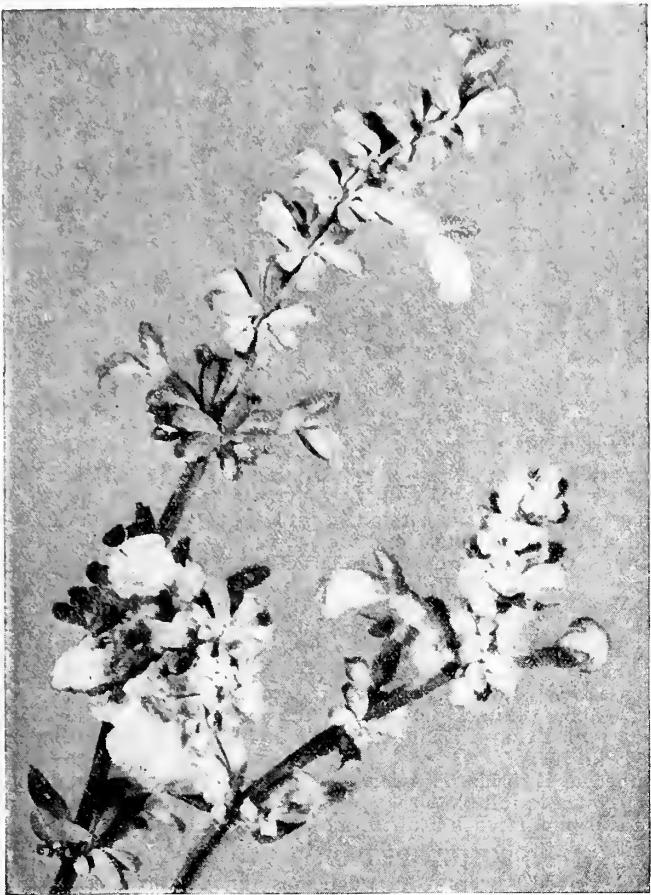
The Annual Poppies are a class of flowers having a wide range of beautiful colors from pure white through the most delicate blush tints to the brilliant shades of rose and scarlet. There are also deep crimsons as well as many flowers striped, blotched, or edged with harmonizing and contrasting shades.

Our new strains of Poppies produce softer and more pleasing shades than we have offered hitherto. Sowing in May, and again several times during Spring, produces continuous bloom from early Summer until frost. The seed should be sown where the plants are to bloom, as Poppies do not take kindly to transplanting. Cover seed very lightly, and firm the soil with a flat board. When large enough thin out the plants. A sandy loam and early Spring sowings produce best flowers.

### DOUBLE ANNUAL VARIETIES

- 6455 Eldorado Double Shirley. A new creation in annual Poppies. A marvel of beauty throughout the Summer; flowers are double and semi-double. This strain includes an almost endless variety of colors. They should be sown as early in the Spring as one can work the ground. Pkt. 25c;  $\frac{1}{4}$  oz. 60c; oz. \$2.00.
- 6457 Cardinale. Double Scarlet. A splendid variety which has large globular flowers of an intense scarlet red. 1½ feet. Pkt. 10c;  $\frac{1}{4}$  oz. 20c; oz. 60c.
- 6460 Carnation-Flowered Mixed. The flowers of this variety are large and finely fringed. 2 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 20c; oz. 60c.
- 6466 Mikado (Striped Japanese Poppy). Scarlet and white. This magnificent Poppy is like a Japanese Chrysanthemum. The flowers are brilliant scarlet and white with elegant curved petals. 1 foot. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 75c.
- 6468 Paeony-Flowered Mixed. Immense, showy, double globular flowers resembling a double Paeony. 1½ feet. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 75c.
- 6474 Boston Peerless. Double and single mixed. A wonderful variety of brilliant dazzling colors. 2 feet. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.
- 64791 Collection Carnation-Flowered (6 colors). For 35c.
- 64792 Collection, Paeony-Flowered (6 colors). For 35c.

For Perennial Varieties see page 47



Salvia Farinacea

**RICINUS—Castor Oil Plant**

Rather coarse appearing, half-hardy, annual plants of remarkably rapid growth attaining a height of from 5 to 15 feet. The stems and leaves of these plants vary from pale green to a very deep shade and from bright red to bronze and deep purple. The branching, tree-like habit and the gigantic leaves make it an admirable subject for sub-tropical beds and for background foliage effects.

- 6506 **Borboniensis.** Large dark green foliage and stems. 15 feet. Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00.
- 6507 **Cambodgensis.** Large, red veined, bronze leaves with purplish black stems. 6 feet. Pkt. 10c; oz. 35c;  $\frac{1}{4}$  oz. \$1.00.
- 6510 **Sanguineus.** Bright red stems and fruit, dark bronzy red leaves. 7 feet. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.
- 6511 **Zanzibariensis Maculatus.** Bronze changing to dark red. 10 feet. Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00.
- 6512 **Zanzibariensis Mixed.** A distinct species from East Africa, growing to a large size, and varying in color from pale green to brownish purple. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.
- 6513 **Choice Mixed.** Bright colored varieties. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c.

**RUDBECKIA**

Free-flowering plants with large showy flowers, growing well in almost any soil or situation, good for cutting.

- 6515 **Amplexicaulis.** Pure golden yellow. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.
- 6516 **Bicolor Superba.** A fine variety forming a bushy plant covered, during the Autumn, with flowers of bright yellow with reddish brown centers. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

For Perennial Varieties see page 48

**SALPIGLOSSIS**

These magnificent flowers, large and funnel-shaped, present an extremely pleasing variety of colors in mottled, veined and self-colored forms. They are excellent for cutting and make a very showy and striking effect in beds or borders. Pkt. 15c;  $\frac{1}{8}$  oz. 60c;  $\frac{1}{4}$  oz. \$1.00.

6520	Alba Lutea. White,	6528	Rose and Gold
	gold veined	6530	Scarlet and Gold
6522	Crimson	6532	Violet and Gold
6524	Primrose	6534	Violet
6526	Purple and Gold	6536	Mixed
6539	Gloxiniæflora Choice Mixed.	Pkt. 15c; $\frac{1}{4}$ oz. 75c.	
65441	Collection (6 distinct colors)	For 75c.	

**SALVIA—Sage**

These popular plants produce brilliant flowers in the garden during the late Summer and Autumn. Sow the seed early indoors, or in a frame, in time to get good plants to set outdoors the latter part of May.

- 6546 **America.** Spikes of dazzling brilliant scarlet flowers. A fine bedding variety. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.25.
- 6548 **Blue Beard.** Bright purple, a splendid variety for bedding. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.
- 6550 **Farinacea.** An exceptional variety bearing long spikes of lavender-blue flowers well above the foliage. Fine for bedding and excellent for bouquets. Pkt. 25c;  $\frac{1}{8}$  oz. 60c.
- 6552 **Patens.** Splendid type with intense bright blue flowers. 2 feet. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.50.
- 6554 **Splendens.** Elegant tall-growing variety with immense flower spikes of dazzling scarlet. 3 feet. Pkt. 10c;  $\frac{1}{8}$  oz. 60c;  $\frac{1}{4}$  oz. \$1.00.
- 6556 **Splendens Bonfire.** Extremely handsome and effective variety producing large spikes of bright scarlet flowers. 2 feet. Pkt. 25c;  $\frac{1}{8}$  oz. 75c;  $\frac{1}{4}$  oz. \$1.25; oz. \$4.00.
- 6560 **Zurich.** Splendid dwarf variety. Long brilliant scarlet flower spikes. 1 foot. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.25.

For Perennial Varieties see page 48

**SAPONARIA**

Charming little plants producing numerous showy flowers all the season. Fine for ribbon borders. Hardy Annual. 1 ft. Pkt. 10c;  $\frac{1}{4}$  oz. 20c; oz. 60c.

- 6570 **Calabrica White**
- 6571 **Calabrica Pink**
- 6572 **Calabrica Mixed.**
- 6573 **Vaccaria. Pale rose.**
- 6574 **Vaccaria Alba. White.**



Salpiglossis



Scabiosa Shasta



Scabiosa Peach Blossom



Statice

**SCABIOSA—Mourning Bride**

Throughout the season these beautiful plants produce large double flowers on long slender stems. Splendid for decorative purposes. Pkt. 10c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50. (Unless otherwise priced).

- 6580 Breck's Special Mixture.
- 6582 Cherry Red.
- 6584 Flesh Pink.
- 6586 King of the Blacks.
- 6588 Lavender (Azure Fairy). Rich pale blue.
- 6590 Peach Blossom. Pkt. 25c;  $\frac{1}{4}$  oz. 75c.
- 6594 Rose.
- 6595 Shasta. Immense flowers of pure white. Pkt. 25c;  $\frac{1}{4}$  oz. 75c.
- 6596 White.
- 6598 Yellow.
- 66091 Collection (6 distinct colors). For 50c.



Stocks

**SCHIZANTHUS—Butterfly Flower**

Dainty, erect, hardy Annual plants with finely cut leaves and showy butterfly-like flowers; valuable for pot culture and for bedding.

- 6612 Chislehurst Giant Hybrids. New large-flowered strain embracing many exquisite violet and purple shades. Pkt. 50c;  $\frac{1}{8}$  oz. \$2.50.
- 6614 Breck's Excelsior Hybrids. A mammoth-flowered strain with markings and colorings such as are found in fancy Pelargoniums. The flowers have white, buff or rose ground colors. Unsurpassed for Winter greenhouse culture. Pkt. 50c;  $\frac{1}{8}$  oz. \$1.50.
- 6618 Retusus. Scarlet and orange. Pkt. 15c;  $\frac{1}{8}$  oz. 35c.
- 6620 Retusus Albus. White with yellow blotch on lip. Pkt. 15c;  $\frac{1}{8}$  oz. 35c.
- 6622 Retusus Pink Beauty. Exquisite shade of rose; fine for cutting or groupings. Pkt. 50c.
- 6624 Wisetonensis Hybrids. A splendid plant for the house or greenhouse. A specimen in full bloom is a most exquisite picture. The colors range from soft pink to dark brown. Pkt. 25c;  $\frac{1}{8}$  oz. \$2.00.

**SCHIZOPETALON**

Beautiful fringed flowers, with a delicious almond perfume.

- 6630 Walkeri. Pure White.  $\frac{3}{4}$  foot. Pkt. 25c.

**SEDM—Stonecrop**

Dwarf-growing Annual or biennial plants with fleshy leaves, bearing clusters of small flowers. Much used for carpet-bedding, edging and rock-work.

- 6635 Cœruleum. Blue. Pkt. 25c.

**SILENE—Catchfly**

Attractive Annuals, producing numerous heads of bright colored flowers, useful for cutting.

- 6640 Armeria Mixed. 2 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 20c; oz. 60c.
- 6644 Pendula Double Mixed.  $\frac{1}{2}$  foot. Pkt. 10c;  $\frac{1}{4}$  oz. 30c.

**STATICE—Sea Lavender**

Handsome plants producing panicles of pretty little flowers all Summer. Very good in borders and rock-work.

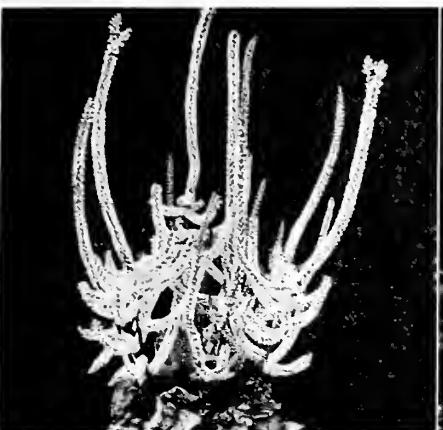
- 6650 Sinuata Blue. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.
- 6652 Sinuata Rose. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.
- 6654 Sinuata White. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.
- 6655 Sinuata Yellow. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.
- 6657 Sinuata Mixed. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.
- 6659 Suworowii. Fine species producing numerous flower spikes of rosy carmine. Pkt. 25c.

**STOCKS—Gilliflower**

Stocks are universally admired and have for long occupied a prominent position in almost every garden. For beauty, dazzling effect, and long continuance of bloom, they are unsurpassed, while their delightful fragrance renders them indispensable for bouquets, vases, etc.

- 6658 Breck's Apricot Beauty.

A splendid Stock of rich beauty and of giant size, bearing flowers of a soft apricot shade daintily tinged with delicate blush pink. The plants grow to a height of about two feet and throw up immense central flower spikes surrounded by side shoots or laterals profusely covered with large fragrant flowers. Packet 50c.



Statice Suworowii



Schizanthus



Sunflower—Red Hybrid

**BRECK'S PERFECTION CUT-AND-COME-AGAIN**

An extremely beautiful strain of Stock, producing immense spikes of flowers in great profusion from mid-summer until frost. The flowers are unusually large and embrace a wide range of most beautiful and varied colors. 2 feet. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.50.

6660	Blood Red	6668	Flesh Pink	6674	Rosy Pink
6662	Canary Yellow	6670	Lilac	6680	White
6666	Dark Violet	6672	Light Blue	6682	Mixed
66841	Collection (of 6 varieties).		For \$1.25.		

**BRECK'S LARGE-FLOWERING TEN WEEKS**

A splendid early-blooming variety extensively used for pot culture and Summer bedding. 1 foot. Pkt. 15c;  $\frac{1}{8}$  oz. \$1.00.

6685	Brilliant Rose	6693	Dark Purple	6701	Scarlet
6687	Canary Yellow	6695	Deep Red	6703	White
6689	Crimson	6697	Light Blue	6707	Mixed.
6691	Dark Blue	6699	Rose		
67091	Collection (6 distinct colors).		For 75c.		

**GIANTS OF NICE**

A new French class equally good for Summer or Winter flowering. From sowing made in Spring the blooms appear in nine or ten weeks. The flowering season of these Stocks is unusually long. Pkt. 25c;  $\frac{1}{8}$  oz. \$2.00.

6721	American Beauty.	Deep rose pink.
6724	Beauty of Nice.	Delicate flesh pink.
6726	Mont Blanc.	A magnificent white.
6728	Monte Carlo.	Improved Canary Yellow.
6730	Queen Alexandra.	Beautiful rose lilac.
6731	Salmon King.	Beautiful salmon rose.
6734	Souvenir de Monaco.	Rich crimson.
6736	Summer Night.	A fine deep blue.
6738	Choice Mixed.	
67391	Collection (6 Separate varieties).	For \$1.25.

**SUNFLOWER—Helianthus**

Their strong growth makes them unsuitable for bedding; but they are very useful for massing and for screening purposes. They do well in sunny positions, in any kind of soil.

**SINGLE ANNUAL VARIETIES**

6750	Cucumerifolius (Miniature Sunflower).	Bears small single, rich yellow flowers with black centre, from July until frost. 4 feet. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 60c.
6752	Giant Russian.	The common tall sort with immense single flowers. 7 feet. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c.
6754	Henry Wilde.	Orange with black centre. 3 feet. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 60c.
6756	Miniature Golden Fleece.	The cactus shaped flowers are of a clear golden yellow, with a dark centre. Pkt. 25c.

6758 Orion. Artistic and effective variety with Cactus-Dahlia-like flowers of a golden yellow shade. 4 feet. Pkt. 25c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.



Sunflower Orion

# SWEET PEAS

Sweet Peas today are among the most popular and beautiful of all garden annuals. They have been vastly improved in the last few years and each season finds new colors and new forms in this family. Our list comprises all the latest Novelties and all the choicest varieties sent out of late years which have become noted for their color and the immense size of their flowers. As new varieties have been added, old varieties have been dropped from the list, a practice which insures our customers getting the very finest large flowering varieties which give three to four blooms on a stem.

## CULTURAL DIRECTIONS

Sweet Peas require a cool moist soil with good under drainage. They should be grown if possible in full sunshine and where there is a good circulation of fresh air. It is most desirable to prepare the ground in the Autumn inasmuch as Sweet Peas should be planted the moment the frost is out of the ground in the Spring.

During the month of April select a sunny day for sowing the seeds which should be sown at a depth of 5 inches from the top of the trench. Sow the seeds as evenly as possible leaving the Peas from one to two inches apart in the trench. Cover the seeds with two inches of soil, and fill in the balance of the

trench as they grow, until the soil is level with the surface. During dry periods do not fail to thoroughly water the Sweet Peas once a week. Syringing with cold water will prevent Red Spider. Spray with Evergreen if and when lice attack the plants. Fungitrogen or Bordeaux mixture will prevent mildew. During their growth if the weather be dry, the vines will benefit by being watered twice a week. About the end of June the surface of the soil should be well mulched with good decomposed manure or cocoanut fibre. To get the best results the seed should be inoculated with Stimugerm before planting. Stimugerm will insure a strong and vigorous vine.



Breck's Exhibition Mixture

## BRECK'S

### GIANT SPENCER SWEET PEAS Exhibition Mixture

The finest possible color combination of Spencer or orchid flowering Sweet Peas. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

### GIANT SPENCER VARIETIES In Separate Shades

Prices unless otherwise noted: Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.

#### BICOLOR

- ©6784 Blanche Ferry. Bright rose standard, wings white suffused with pink.
- 6787 Magic. Rosy amethyst deepening to blue.
- 6793 Mrs. Cuthbertson. Standard rose pink, wings white slightly flushed.

#### BLUE

- 6796 Colne Valley. Lavender blue.
- 6799 Commander Godsall. Violet blue.
- ©6804 Heavenly Blue. Soft delphinium blue. Pkt. 15c; oz. 75c;  $\frac{1}{4}$  lb. \$2.50.
- 6807 Jack Cornwall, V. C. Deep violet blue.
- 6810 Wedgewood. Azure blue.

#### BLUSH

- 6816 Elegance. Blush lilac suffused with pink.
- 6819 Valentine. Blush pink.

#### CARMINE

- 6822 Doreen. Bright carmine. Pkt. 15c; oz. 75c;  $\frac{1}{4}$  lb. \$2.50.
- ©6825 Renown. Carmine rose.

#### CERISE

- 6828 Campfire. Bright cerise scarlet. Pkt. 15c; oz. 75c;  $\frac{1}{4}$  lb. \$2.50.
- 6831 Charming. Brilliant rosy cerise.
- 6835 Fiery Cross. Bright orange cerise.
- ©6838 Hawlmark Cerise. Bright salmon cerise.
- 6841 Illuminator. Salmon orange overlaid cerise pink.
- 6844 Royal Salute. Deep cerise.

**CREAM AND CREAM-PINK**

6848 Daffodil. A deep cream of large size and with long stems.  
 6852 Dobbie's Cream. Deep primrose. An older variety but still a favorite.  
 6855 Mary Pickford. A lovely flower of deep cream-pink suffused with salmon, easily surpassing any of its class. Pkt. 25c; oz. \$1.00.  
 6858 Matchless. Cream. The best of the creamy-white varieties.  
 6861 Mrs. Hugh Dickson. Buff and cream pink.  
 6864 Picture. Creamy pink, suffused apricot of gigantic size.

**CRIMSON**

6867 Crimson King. Rich oxblood crimson, very bright.  
 6870 King Edward. Deep crimson, still considered one of the best.

**LAVENDER**

6873 Austin Frederick Improved. Giant pure lavender.  
 6876 Florence Nightingale. Bluish lavender.  
 6879 Hawlmak Lavender. Clear pale bluish lavender.  
 6882 Lavender George Herbert. Bluish lavender.  
 6885 Powerscourt. One of the finest lavender varieties.  
 6888 R. F. Felton. Pinkish lavender.  
 6892 Wembley. Lavender blue. Pkt. 15c; oz. 75c.

**MAROON**

6895 King Manoel. Deep maroon, a fine dark shade.  
 6898 Splendour. Rich red maroon.  
 6901 Warrior. Giant deep maroon, almost chocolate colored.

**ORANGE AND ORANGE-SCARLET**

6904 Defiance. Glowing orange scarlet.  
 6907 George Shawyer. Giant orange pink very bright.  
 6913 Mammoth. Blazing orange scarlet. Pkt. 15c; oz. 75c.  
 6916 Robert Sydenham. Brilliant orange salmon.  
 6919 Royal Scot. Bright orange scarlet, one of the best.  
 6922 Tangerine Improved. Glowing orange.  
 6926 Wizard. Glowing salmon scarlet of unusual brilliancy.

**PICOTEE**

6930 Jean Ireland. Cream edged with a deep shade of rose.  
 6936 Youth. A beautiful pure white edged with delicate soft rose.

**PINK**

6939 Barbara. Fine salmon.  
 6942 Countess. Pure rose pink, one of the older favorites.  
 6945 Elfrida Pearson. Giant shell-pink, one of the best.  
 6948 Hawlmak Pink. Rose pink, flushed salmon. The best of its class.  
 6951 Hawlmak Salmon. Pink flushed deep salmon, one of the best deeper pinks.  
 6954 Hercules. Mammoth rose pink. An old favorite still in demand.  
 6957 Miss California. Beautiful orange salmon flushed with cream pink.

**PURPLE**

6960 Royal Purple. A true rich purple. The only one of its color.

**SCARLET**

6964 Hawlmak Scarlet. The finest bright scarlet.

**EARLY-FLOWERING or LONG-SEASON SPENCERS**

The following new varieties of Sweet Peas begin to blossom 106 days after planting the seed in the open ground; six weeks earlier than the late-flowering varieties planted at the same time. They usually blossom for four full months. Splendid type for greenhouse forcing.

Prices unless otherwise noted Pkt. 15c; oz. \$1.00.

6701 All White. Largest waved pure white.  
 7023 Amethyst. Royal purple.  
 7025 Aviator. Dazzling crimson scarlet.  
 7027 Blanche Ferry. Rose pink, white wings.  
 7029 Blue Bird. Violet blue.  
 7033 Cream. Deep cream.  
 7035 Fair Maid. Blush pink, suffused salmon.  
 7037 Glitters. Cerise.  
 7039 Grenadier. Dazzling scarlet. Pkt. 25c; oz. \$1.50.  
 7041 Hercules. Rosy pink.



Sweet Pea—Giant White

6971 Scarlet Emperor. A beautiful rich bright scarlet.  
 6975 The Cardinal. A brilliant shade of intense scarlet.  
 6978 Vermilion Brilliant. Brilliant scarlet.

**WHITE**

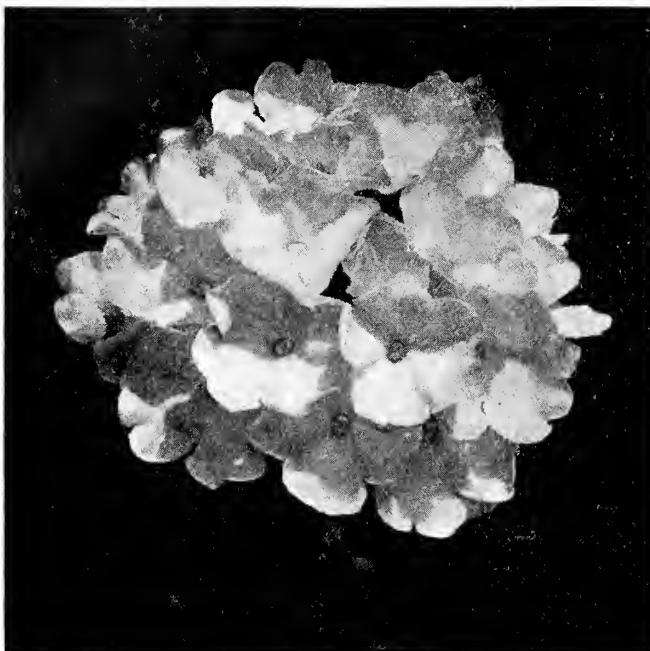
6981 Constance Hinton. Giant white, slightly tinted.  
 6984 Edna May Improved. Pure white.  
 6990 Giant White. Enormous flowers, pure white.  
 6994 King White. Large waved white.  
 6999 White Spencer. Pure white.

7043 Lavender King. Fine lavender.  
 7045 Mrs. Kerr. Salmon. Pkt. 25c; oz. \$1.50.  
 7051 New Blue. Deep blue. Pkt. 25c; oz. \$1.50.  
 7053 Orange King. Glowing orange. Pkt. 25c; oz. \$2.00.  
 7055 Rose Dorée. Rose pink suffused orange. Pkt. 15c; oz. \$1.00.  
 7056 Snowstorm Improved. Pure white.  
 7057 Sweet Lavender. Pure lavender. Pkt. 25c; oz. \$1.50.  
 7059 Yarrawa. Rose pink with lighter pink wings.  
 7061 Zvolanek's Rose. Giant rose pink.  
 7075 Choice Mixture of all colors.

**BRECK'S BOSTON MIXTURE**  
**Old Fashioned Sweet Peas**

A superb mixture of the well known and sweetly scented Grandiflora Type.

Oz.	10c
1/4 lb.	35c
Lb.	\$1.00



Verbena

**SWEET WILLIAM**

A distinct new type. Seed sown in Spring will be in flower in early Summer. The flower heads are large, very fragrant, and beautifully marked in a great assortment of colors.

**7080** Breck's Annual Mixed. Pkt. 15c;  $\frac{1}{4}$  oz. 60c; oz. \$2.00.  
For Perennial Varieties, see page 49

**THUNBERGIA**

A slender trailing vine with neat green foliage and numerous extremely pretty flowers. Splendid for hanging-pots, vases, etc. Half-hardy Annual. Pkt. 10c;  $\frac{1}{4}$  oz. 60c.

7085 Alata. Yellow with black eye.  
7086 Alata Alba. White with dark eye.  
7087 Mixed.

**TORENIA**

Very graceful, free-flowering plants producing an abundance of beautifully-colored flowers all Summer. Tender Annual. 1 foot.

7090 Baillonii. Golden yellow deep red throat. Pkt. 25c.  
7091 Fournieri White Wings. Pkt. 25c.  
7092 Fournieri Grandiflora. Blue. Pkt. 25c.  
7093 Fournieri Mixed. Pkt. 25c.

**TROPÆOLUM—Canary Creeper**

A quick-growing annual climber fine for trellis work or hanging-baskets.

**7098** Canariense. Pkt. 10c; oz. 50c.

**VERBENA**

The Verbena is now one of the most popular flowers for bedding purposes, its vigorous growth, free-blooming qualities, and brilliancy of colors commanding it to all growers. Ours is a fine giant-flowered strain. The following are most valuable for bedding purposes and massing. Pkt. 10c;  $\frac{1}{4}$  oz. 75c; oz. \$2.50, except as noted.

**BRECK'S MAMMOTH**

7100 Blue	7106 Scarlet	7109 White
7102 Pink	7107 Yellow	7110 Mixed

7104 Purple 7108 Striped

7111 Collection (6 distinct colors). For 50c.

7112 Auricula-Flowered Mixed. Large flowers with white eye on each floret.



Zinnia—Breck's Giant

**•7114** Helen Willmott. This variety of Verbena is the finest under cultivation and is unequalled for bedding. The flowers are very large and the color is a beautiful bright salmon-rose with white eye. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.25.

**7116** Lemon Verbena (*Aloysia Citriodora*). Tender perennial with fragrant leaves. The sprays are useful for intermingling with flowers in bouquets. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.50.

**•7120** Venosa. A handsome half-hardy perennial with purple flowers remaining in bloom for a long period. Blooms the first season from seed. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

**VINCA—Madagascar Periwinkle**

Splendid tender perennials with luxuriant, dark green foliage and round, single flowers that bloom freely all Summer. Excellent for bedding and pot culture. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.

7125 Alba. Pure white. 7127 Rosea Alba.  
7126 Rosea. Bright rose. 7128 Mixed

**VIRGINIAN STOCK**

A pretty branching, hardy annual with an abundance of bright flowers. An excellent plant for bordering a bed.

7130 Mixed. Pkt. 10c; oz. 50c.

**VISCARIA—Rock Lychnis**

A slender-stemmed Annual bearing attractive flowers about 1 inch in diameter. Should be more widely known. 8 inches.

7131 Rosy Gem. Carmine-rose. Pkt. 25c;  $\frac{1}{8}$  oz. 75c.  
7132 Innocence. Pure white. Pkt. 15c;  $\frac{1}{8}$  oz. 35c.  
7133 Loyalty. Fine blue. Pkt. 15c;  $\frac{1}{8}$  oz. 35c.

**WALLFLOWER**

Very highly prized old-fashioned plants grown largely for their fragrance. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

7140 Brown 7141 Red 7142 Yellow 7143 Mixed

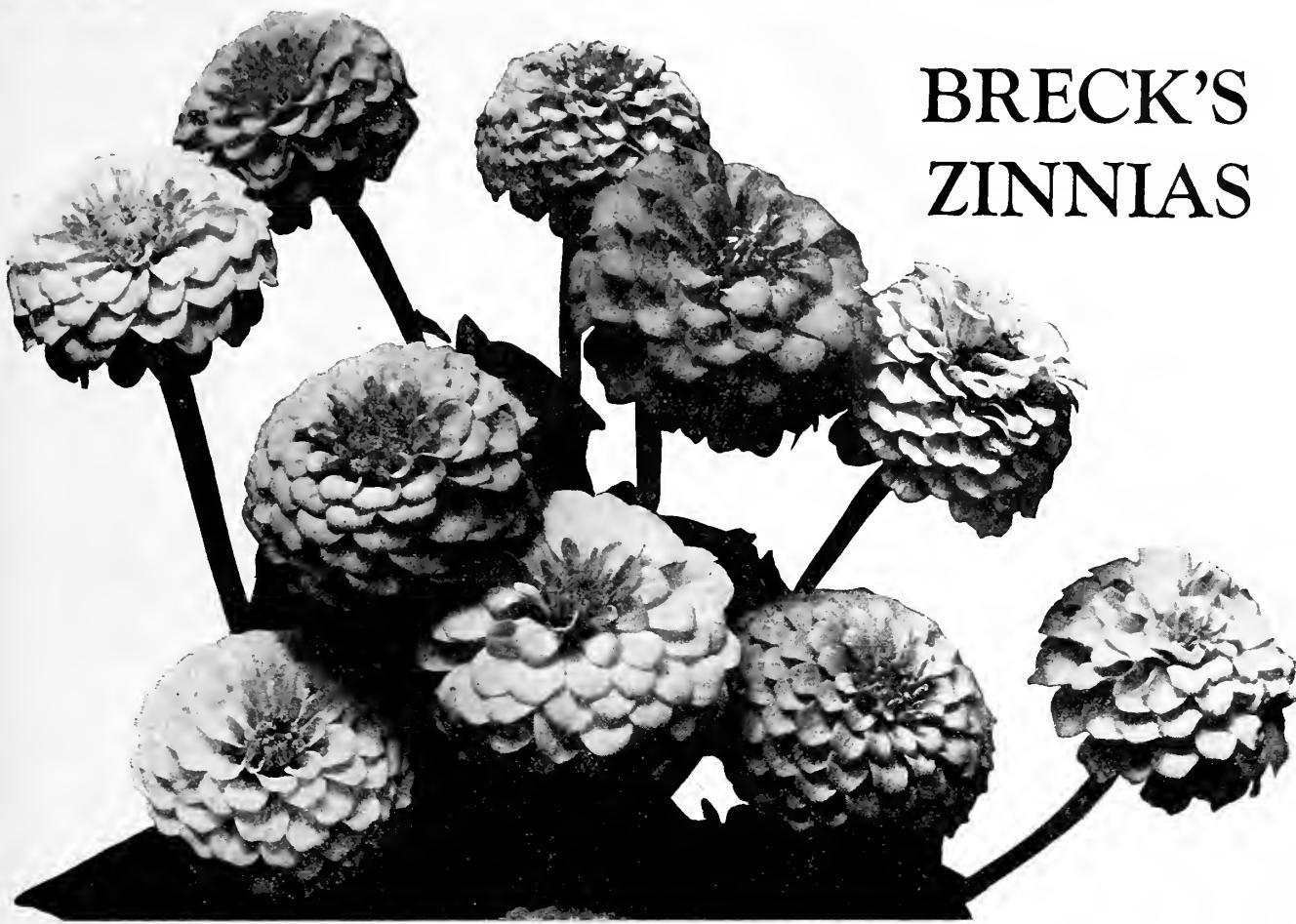
**WHITLAVIA**

Pretty hardy Annuals producing numerous bell-shaped flowers throughout the season. 1 foot.

7145 Gloxinoides. Blue, white throat. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.  
7146 Grandiflora. Blue. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.  
7147 Grandiflora Alba. White. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

**XERANTHEMUM—Immortelles**

Free-flowering and very desirable Everlastings  
**7150** Choice Mixed. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.



Zinnia—Breck's Dwarf Defiance

One of the most popular and most extensively used of all our hardy Annuals for beds, mixed borders and for cutting purposes. They require very little attention, and will grow in any good garden soil. Seed sown early in the greenhouse will produce flowering plants in June which will continue in bloom all Summer. Seed may be sown outdoors after danger from frost is over, and the plants will bloom from August until late Autumn.

#### BRECK'S GIANT

(Grandiflora Plenissima). The flowers of this variety measure from 2 to 3 inches across, are mostly very double, borne on long stiff stems. It is an excellent strain of Zinnia. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

7155 Cream	7163 Picotee	7171 Scarlet
7157 Crimson	7165 Purple	7173 Sulphur Yellow
7159 Flesh Color	7167 Rose	7175 Violet
7161 Golden Yellow	7169 Salmon	7177 White
7179 Breck's Giant Mixed		
71841 Collection (6 varieties).		For 75c.

#### BRECK'S DAHLIA FLOWERED

New type of large-flowered broad petal Zinnia, being much larger than the Giant Type. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.50.

7200 Canary Bird.	Delicate Primrose.
7202 Crimson Monarch.	Best Red.
7204 Dream.	Deep lavender shading to purple.
7206 Exquisite.	Light rose deeper to centre.
7208 Golden State.	Rich orange yellow.
7210 Old Rose.	Rich old rose shade.
7212 Oriole.	Immense orange and gold.
7214 Polar Bear.	Large pure white.
7216 Breck's Special Mixture.	All colors.
72191 Collection (6 varieties).	For \$1.25.

#### BRECK'S DWARF DEFIANCE

This type of Zinnia is ideal for cut flower purposes and mass bedding. Pkt. 10c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.

7225 Carmine	7238 Violet
7227 Crimson	7241 Purple
7231 Flesh Pink	7243 Salmon Rose
7233 Golden Yellow	7247 White
7235 Light Scarlet	7249 Choice Mixed
7237 Light Yellow	
72491 Collection (of 6 varieties).	For 50c.

#### OTHER VARIETIES

7250 Achievement. Distinct from all other Zinnias hitherto raised. The petals are partially tubular at the base and expand in a cactus-like form towards the tip. Pkt. 25c;  $\frac{1}{4}$  oz. 75c; oz. \$2.50.

7255 Curled and Crested Mixed. 1 foot. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

7260 TOM THUMB MIXED. 6 in. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

7265 DWARF RED RIDING HOOD. When in bloom a bed of this Zinnia closely resembles a planting of Salvia. The established emblem of Breck's Radio Garden Club. A perfect compact plant, covered the entire season with small button-like double flowers of an intense scarlet. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

# BRECK'S HARDY PERENNIAL FLOWER SEEDS

For complete list of Annuals see page 12. For Greenhouse Seeds see page 50.

There can be no greater joy than to create a garden plan through the agency of one's own imagination and then to work out that plan by actually growing from seed the special varieties desired. For many years we have laid great stress on the selection and quality of our Perennial Flower Seeds realizing that this particular branch of gardening was rapidly becoming one of country-wide interest.

In the following list we offer, we believe, all the varieties of Perennials that have played a part in fashioning the old and famous gardens of New England. For your guidance we briefly touch on the distinction between Biennials and Perennials and suggest methods of culture long practised by those who make the growing of Perennials their profession.

## PERENNIALS

Or as they are often termed "Herbaceous Plants," go on living and increasing for a number of years, the stems dying down each season and coming again from the roots each Spring. Perennials are easily raised from seed which should be sown during late Spring and early Summer in the cold frame. These seedlings should be ready for planting out into beds in Autumn and then transferred to their permanent quarters in Spring.

**ACANTHUS**—Bear's Breech  
Suitable for backgrounds of borders and for sub-tropical effects. Leaves large, rough, and beautifully outlined. 3 feet.

7310 *Latifolius*. Purple. Pkt. 15c;  
 $\frac{1}{4}$  oz. 35c.  
 7312 *Mollis*. Pure White. Pkt.  
 15c;  $\frac{1}{4}$  oz. 35c.

**ACHILLEA**—Yarrow  
A very free-flowering hardy plant producing a wealth of pure white double flowers which are borne in clusters; blooms all Summer. An excellent plant for rock work. 2 feet.

7317 *Ptarmica*, The Pearl. Improved variety. Pkt. 25c;  $\frac{1}{8}$  oz.  
 \$2.00.

**ACONITUM**—Monkshead  
Flowers bell-shaped, produced on long spikes. An old garden favorite, and an excellent plant for the hardy border. 3 feet.

7320 *Lycocotonum*. Yellow. Pkt.  
 25c.  
 7323 *Napellus*. Dark blue. July  
 and August. Pkt. 25c;  $\frac{1}{8}$  oz.  
 \$1.00.  
 7326 *Napellus Albus*. White. Pkt.  
 15c;  $\frac{1}{8}$  oz. \$1.00.  
 7332 *Wilsonii*. Light blue. September and October. Pkt. 25c.



Aquilegia

## BIENNIALS

Are plants which require two seasons to come to full maturity, after which they ripen their seed and die off. Perhaps the best mode of treatment is to sow in frames in the latter part of June, during July, and up to the middle of August, and winter them in boxes; plants treated in this way will flower early in Summer.

### ADENOPHORA

Beautiful hardy Perennials with drooping bell-shaped flowers blooming in August.

7336 *Potanini*. Light blue. 2 feet.  
 Pkt. 25c.

### ADONIS

One of the earliest plants to flower in Spring; good among other Perennials, or planted under shrubs. Flowers resemble buttercups. Foliage finely cut. 1 foot.

7340 *Vernalis*. Bright yellow. Pkt. 10c;  $\frac{1}{4}$  oz. \$1.00.

For Annual Varieties see page 12.

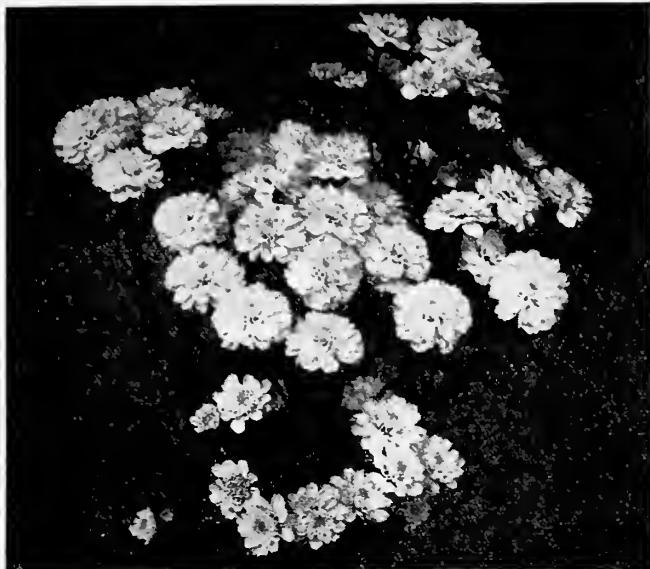
### AETHIONEMA

A spreading, bushy Perennial with an abundance of rosy-lilac flowers during June and July.  
 7345 *Grandiflora*. Rosy Lilac. 1½ feet. Pkt. 25c.

Joseph Breck and Sons:

It may be of interest for you to know, that the seeds you have been supplying me with for the past number of years have been producing excellent results.

Very truly yours,  
 Alexander Cruckshank, Supt.  
 A. L. Higginson Estate,  
 Manchester, Mass.



Achillea

**AGROSTEMMA**

A free-flowering border plant with attractive flowers that are excellent for cutting. July and August.

7350 *Coronaria Alba*. Pure white. 1½ feet. Pkt. 10c; ¼ oz. 35c.

7352 *Coronaria Crimson*. Pkt. 10c; ¼ oz. 35c.

7354 *Flos Jovis* (Jove's Flower). Deep pink. 1 foot. Pkt. 10c; ¼ oz. 50c.

7356 *Hybrida Walkeri*. Bright pink. 2 ft. Pkt. 15c; ⅛ oz. 75c.  
For Annual Varieties see page 12.

**ALSTROEMERIA**

Exceedingly attractive flowers resembling Lilies, borne on long slender stems, of great value as a cut flower. Half-hardy Perennial.

7368 *Chilensis*. Mixed. 3 feet. Pkt. 25c; ⅛ oz. \$1.00.

**ALYSUM—Goldentuft**

A good edging plant of easy culture. Foliage velvety gray. Flowers fragrant, in numerous small clusters. Early spring.

7370 *Saxatile Compactum*. A single plant in one year will produce hundreds of bright yellow flowers. 1 foot. Pkt. 15c; ¼ oz. 75c.

7372 *Silver Queen*. Pale primrose—very dwarf and compact. Pkt. 25c.  
For Annual Varieties see page 13.

**ANCHUSA—Alkanet**

A useful Perennial. Blooming constantly if not allowed to go to seed. Foliage rough, flowers in numerous small panicles resembling those of the Forget-Me-Not.

7380 *Barrelieri*. Deep blue. 1½ feet. Pkt. 25c; ⅛ oz. 50c.

7383 *Italica Dropmore*. One of the finest herbaceous plants grown. The flowers are of a most lovely shade of gentian blue, excellent for cutting. 3 to 4 feet. Pkt. 25c; ⅛ oz. \$1.00.  
For Annual Varieties see page 13.

**ANTHEMIS**

A profuse bloomer and very showy. A good border plant. Daisy-like flowers from June until frost.

7408 *Montana*. A pretty small flower like a white chrysanthemum. 6 inches. Pkt. 15c; ⅛ oz. 35c.

7412 *Tinctoria*. Lemon Yellow. 2 feet. Pkt. 15c; ⅛ oz. 50c.

**ANTHERICUM**

Beautiful white, fragrant, lily-like flowers; excellent for cutting. May and June. Pkt. 25c; ⅛ oz. \$1.00.

7416 *Liliago* (St. Bernard's Lily). White. 1½ feet.

7418 *Liliastrum* (St. Bruno's Lily). White with green-spotted petals. 2½ feet.



Anchusa

**AQUILEGIA—Columbine**

This family is one of the most beautiful and popular among hardy Perennials. The different varieties present an unusual wealth of color from May to July. For growing in borders or filling up bays in shrubbery they are unsurpassed. Any ordinary garden soil is suitable for their growth. The flowers are fragrant.

7422 *Breck's Superb Hybrids*. 2½ feet. This strain is the finest procurable. The colors range from the most delicate to the brightest shades and include many striking contrasts in the individual flowers. Long spurred. Pkt. 50c; ⅛ oz. \$1.50.

7423 *Alba* fl. pl. Large double flowers of pure white. 2 feet. Pkt. 15c; ⅛ oz. 75c.

7424 *Californica Hybrida* (Californian Columbine). Very distinct. Spurs long, orange-red. Petals yellow-brown. Foliage broad. 2 feet. Pkt. 25c; ⅛ oz. \$1.00.

7426 *Canadensis* (Wild Columbine). A good plant for the rockery or hardy border. Very free-flowering. Scarlet and yellow. 1½ feet. Pkt. 15c; ⅛ oz. 75c.

7428 *Chrysanthia* (Golden-spurred Columbine). Fragrant and showy. Spurs very long and slender. One of the best golden yellow varieties. 2 feet. Pkt. 15c; ⅛ oz. 75c.

7430 *Chrysanthia*, fl. pl. Double yellow. 2 feet. Pkt. 25c; ⅛ oz. \$1.25.

7432 *Cærulea* (Rocky Mountain Columbine). Foliage much divided. One of the best. Particularly good for rockery planting. Violet and white. 2 feet. Pkt. 25c; ⅛ oz. \$1.25.

7438 *Glandulosa Vera*. One of the best and hardest. 1½ feet. Flowers very large. Blue and white. Pkt. 50c.

7442 *Rose Pink Shades*. Large flowers with long spurs; colors range from pale pink, through all the intermediate shades to deep rose pink. Pkt. 50c.

7443 *Rose Queen*. Long spurred pink with white centre. 2 feet. Pkt. 50c.

7445 *Snow Queen*. Long spurred. Pure white. 2 feet. Pkt. 50c.

7448 *Skinneri* (Mexican Columbine). Very showy and distinct. Petals yellow tipped green, scarlet spurs. Pkt. 25c; ⅛ oz. \$1.00.

7454 *Single Mixed*. Choice mixture of many colors. Pkt. 10c; ¼ oz. \$1.00.

7456 *Double Hybrids Mixed*. Double flowers in a large variety of color. Pkt. 25c; ¼ oz. \$1.00.

7458 *Long Spurred Hybrids*. Mixed. A wonderful strain comprised of flowers of all shades. Excellent for borders and rockeries. Pkt. 25c; ⅛ oz. \$1.00.



Aster



Bellis Perennis

**ARABIS—Rock-cress**

Showy border or rock plants. Masses of small star-shaped flowers completely cover the plant in early Spring.

7460 **Alpina.** Pure white fragrant flowers. Will grow well in rather shaded positions. Height 6 to 9 inches. Pkt. 10c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

7462 **Compacta Multiflora.** Improved variety of Alpina of dwarfer habit. Pkt. 25c;  $\frac{1}{4}$  oz. 75c; oz. \$2.50.

7463 **Rosea.** Dwarf and floriferous. Pkt. 50c.

**ARISTOLOCHIA—Dutchman's Pipe**

One of the best climbing vines, with immense heart-shaped leaves of a deep rich green color, valuable for covering walls and trellises.

7465 **Siphon.** Pkt. 50c.

**ARMERIA—Thrift or Sea Pink**

Fine for edgings or borders. The bright tufted flowers are produced all Summer.

7468 **Formosa.** Crimson.  $1\frac{1}{2}$  feet. Pkt. 15c;  $\frac{1}{4}$  oz. 60c.

7470 **Splendens.** Deep Pink. 1 foot. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.50.

**ASCLEPIAS—Milk Weed**

An excellent border plant with flat clusters of brilliant flowers. July and August.

7475 **Tuberosa.** Bright orange.  $2\frac{1}{2}$  feet. Pkt. 25c.

**ASPERULA—Sweet Woodruff**

Creeping plants, particularly good for bouquets. Fragrant leaves and flowers. Good for rock work.

7480 **Odorata.** Forms heads of snowy white flowers. 6 to 8 inches. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.

7484 **Tinctoria.** Small white flowers. Can be used for the same purposes as Gypsophila. Pkt. 15c;  $\frac{1}{8}$  oz. 50c.

**ASTER—Michaelmas Daisy**

These showy Perennials may be easily raised from seed and make attractive border plants.

7488 **Alpinus Goliath.** Flowers of lilac with yellow centres during May and June. 1 foot. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.25.

7491 **Nova Angliae Mixed.** Tall growing, fall blooming varieties mixed. Pkt. 15c;  $\frac{1}{8}$  oz. 75c.

7493 **Sub-coeruleus.** A dwarf, early blooming variety bearing immense flowers of clear mauve with deep yellow centres. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.25.

7494 **Large Flowered Hybrids Mixed.** 2 to 3 feet. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.

**AUBRIETIA**

Dwarf Spring-flowering perennials. Valuable for planting in rock gardens and borders. Height 4 inches.

7500 **Bougainvillei.** Purple. Pkt. 25c.

7502 **Deltoides.** Lavender. Pkt. 25c.

7504 **Large Flowered Hybrids.** Many new shades, large flowers. Pkt. 25c.

7506 **Leichtlini Rosea.** Rosy Carmine. Pkt. 25c.

**BAPTISIA**

An excellent Perennial for hardy borders; pea-shaped flowers borne in spikes. June and July.

7510 **Australis.** Bright blue. 2 feet. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.50.

**BELLIS PERENNIS—English Daisy**

The English Daisies are very popular Spring flowering, perennial plants, often used for bedding with Pansies, Forget-Me-Nots, Silenes, etc.

7515 **Breck's Double Red Quilled.** Pkt. 35c;  $\frac{1}{8}$  oz. \$1.50.

7517 **Breck's Giant Double Pink.** Pkt. 35c;  $\frac{1}{8}$  oz. \$1.00.

7521 **Breck's Giant Double White.** Pkt. 35c;  $\frac{1}{8}$  oz. \$1.00.

7523 **Longfellow.** Pink. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.50.

7525 **Snowball.** Pure white. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.50.

7527 **Double Mixed.** Pkt. 15c;  $\frac{1}{4}$  oz. \$1.50.

**BOCCONIA—Plume Poppy**

An elegant, tall-growing Perennial with broad glaucous foliage and white flowers. Good for planting among shrubs.

7540 **Japonica.** White. 6 to 8 feet. Pkt. 10;  $\frac{1}{4}$  oz. 50c.

**BOLTONIA—False Chamomile**

An excellent Autumn-flowering Perennial, with daisy-like flowers resembling Autumn Asters. Good for the flower border or for planting among shrubs.

7545 **Latisquama.** Lavender. 5 feet. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.

**BUPHthalmum—Ox-Eye Daisy**

A showy Perennial for the hardy border; large, single yellow flowers with brown centres. July and August. 2 feet.

7548 **Salicifolium.** Pkt. 10c;  $\frac{1}{4}$  oz. \$1.00.

**CALLIRRHOE—Mallow**

Trailing plants with saucer-shaped flowers which bloom throughout the summer; useful for borders and rock work. 1 foot.

7550 **Involucrata.** Crimson. Pkt. 15c;  $\frac{1}{8}$  oz. 35c.



Campanula Media

### CAMPANULA MEDIA Canterbury Bell

Well known, hardy biennials profusely covered with large bell or cup-shaped flowers; very showy in mixed borders and splendid for greenhouse and conservatory.

#### CALYCANTHENA

(Cup and Saucer). 2½ feet. Pkt. 15c; ¼ oz. 75c.  
 7556 Dark Blue      7560 Rose      7564 Mixed  
 7558 Mauve      7562 White

#### SINGLE

This is the old-fashioned variety with large bell-shaped blossoms. 2½ feet. Pkt. 10c; ¼ oz. 60c.

7568 Blue      7572 Rose      7576 Mixed  
 7570 Mauve      7574 White

#### DOUBLE

2½ feet. Pkt. 15c; ¼ oz. 60c. (Except where otherwise priced).

7580 Blue      7582 Rose  
 7584 Violet King. Deep violet. Pkt. 35c; ¼ oz. \$1.00.  
 7586 White      7588 Mixed

### CAMPANULA—Bell Flower

Beautiful hardy perennial plants showing a great variety of form. Some are of tall stately habit while others are dwarf and compact, particularly suitable for borders and rockeries.

7590 *Carpatica Cœrulea*. (Carpathian Hare Bell). Free-flowering with erect, clear blue flowers. Useful for edging; it blooms all Summer. 6 inches. Pkt. 15c; ¼ oz. 75c.

7593 *Carpatica Alba*. White form of the preceding. Pkt. 15c; ¼ oz. 75c.

7596 *Glomerata*. Deep blue flowers in large clustered heads. July and August. 1½ feet. Pkt. 25c; ¼ oz. \$1.50.

7599 *Persicifolia Grandiflora Cœrulea*. One of the finest of the hardy blue bell-flowers. 2 feet. Pkt. 25c; ¼ oz. \$1.00.

7602 *Persicifolia Grandiflora Alba*. Extra long spikes of pure white flowers. 2 feet. Pkt. 25c; ¼ oz. \$1.00.

7605 *Persicifolia Gigantea Moerheimi*. A beautiful variety with large, double, pure white flowers. 2 feet. Pkt. 25c.

7606 *Persicifolia Telham Beauty*. Bright, light blue, enormous flowers. 2½ feet. Pkt. 50c.

7608 *Pyramidalis Compacta Alba* (The Chimney Bell-flower). Very attractive as a border plant. As a decorative plant for conservatories or corridors this variety is most valuable. 4 feet. Pkt. 15c; ¼ oz. 75c.



Carnation Plumarius

7611 *Pyramidalis Compacta Cœrulea*. Blue form of the preceding. Pkt. 15c; ¼ oz. 75c.  
 7614 *Rotundifolia* (Blue Bells of Scotland). Pale blue; of slender, graceful habit, very attractive. Good for borders and rock gardens. Trailing in growth. Flowers small, bell-shaped. Pkt. 25c.

#### CANDYTUFT

Excellent for edging or border planting. Fine dark, glossy foliage and flowers completely covering the plant. 1 foot.

7618 *Gibraltarica*. Pink. Pkt. 15c; ¼ oz. \$1.00.  
 7620 *Sempervirens* (Evergreen Candytuft). White. Pkt. 15c; ¼ oz. \$1.50.

### CARNATION—Hardy Pinks

These form low, bushy, tufted plants above which are produced on long stems, the beautiful fringed and fragrant flowers so valued in "old-fashioned" gardens. For permanent beds and borders these Pinks are unrivaled.

7623 *Allwoodi*. A new race of Hardy Carnation Pinks with almost every shade of color except yellow. Pkt. of 25 seeds, 50c.

7625 *Chaubaud Perpetual*. Very free-flowering with a wide range of colors. 1½ feet. Pkt. 25c; ¼ oz. 75c.

7629 *Grenadin Double Scarlet*. Very bright scarlet, early, and of dwarf habit. Pkt. 25c; ¼ oz. 75c.

7631 *Grenadin Double White*. Very early and free flowering. Pkt. 25c; ¼ oz. \$1.00.

7633 *Grenadin Double Mixed*. Pkt. 25c; ¼ oz. 75c.

7637 *Plumarius Double Mixed*. (Double Pheasant's Eye Pink). Beautiful flowers in various shades. Pkt. 25c; ¼ oz. \$1.00.

7639 *Plumarius Single Mixed* (Scotch or Pheasant's Eye Pink). A beautiful single variety with fringed edges. Pkt. 15c; ¼ oz. 60c; oz. \$2.00.

7643 *Semperflorens* (Everblooming Pink). Sweet-scented double, semi-double and single flowers in beautiful colors. Pkt. 15c; ¼ oz. \$1.00.

#### A LITTLE BOOK OF PERENNIALS

By Alfred C. Hottes

This is the best book yet published on the subject of growing Perennials. 200 pages. Fully illustrated.

Per copy \$1.60 postpaid.



Chrysanthemum Shasta Daisy

**CENTAUREA—Mountain Bluet**

Flowers large, resembling cornflowers. Foliage hairy. July and August. 2 feet.

7648 *Montana Alba*. Pure White. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.50.

7650 *Montana Cœrulea*. Large blossoms of deep blue. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.

For Annual Varieties see page 19

**CEPHALARIA**

A handsome border Perennial with sulphur-yellow flowers. 7655 *Alpina*. 3 to 4 feet. Pkt. 25c.

**CERASTIUM—Snow in Summer**

Perennial with silvery foliage and small white flowers; valuable for carpet-bedding, edgings and rock-work. 4 inches.

7658 *Biebersteini*. White foliage growing in clumps. Pkt. 15c;  $\frac{1}{8}$  oz. 75c.

7660 *Tomentosum*. Narrow white foliage, fine for ribbon border. Pkt. 15c;  $\frac{1}{8}$  oz. \$1.00.

**CHEIRANTHUS—Siberian Wallflower**

Early-flowering Perennial good for borders or rockeries. Continues in bloom all Summer. 1 foot.

7663 *Allionii*. Brilliant orange. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.00.

For Greenhouse Variety see page 51.

**CHELONE**

A good border plant with brilliant Pentstemon-like flowers and grassy foliage. July and August. 2 feet.

7665 *Barbata Torreyi*. Scarlet. Pkt. 15c;  $\frac{1}{8}$  oz. 60c.

7668 *Hybrida*. Mixed. Pkt. 15c;  $\frac{1}{8}$  oz. 75c.

**CHRYSANTHEMUM—Giant Daisy**

One of the most showy Summer-flowering Perennials. Flowers daisy-like, single, with yellow centres; the flower clusters are about 2 inches across. A profuse bloomer, excellent for the hardy border.

7676 *King Edward VII*. The most beautiful of the Maximum varieties; flowers large, pure white, and very perfect. July. 3 feet. Pkt. 25c;  $\frac{1}{4}$  oz. 75c.

7680 *Maximum Perfection*. Large white flowers; a handsome cut flower. July. 3 feet. Pkt. 15c;  $\frac{1}{4}$  oz. 60c.

7682 *Shasta Daisy*. Large white flowers. June. 2 feet. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.00.

• 7684 *Tuckwood Daisy*. Large flowers with double row of petals—purest white. July. 3 feet. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.25. For Annual Varieties see page 19, for Greenhouse Varieties see Page 51.

**COREOPSIS—Tick. Seed**

One of the most constant flowering of all the Perennials. Rich green foliage. Good for grouping with shrubs or in the border.

7700 *Grandiflora*. This is one of the best hardy plants; the large, bright, showy yellow flowers are produced in abundance from June till frost. 3 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

7702 *Lanceolata*. Yellow. 3 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 50c. For Annual Varieties see page 20.

**DELPHINIUM—Larkspur**

Great improvement has been made in the form and colors of these splendid border Perennials, and their vigor of growth has been increased. They are of easy culture, thriving in any good open, yet substantial soil; when well established they are of great value in mixed or shrubbery borders, and for cutting purposes.

7705 *Breck's Superb Hybrids Mixed*. Saved from a magnificent strain of all the best varieties, they range in color from delicate lavender through all the intermediate shades to the most intense blue. Pkt. 50c;  $\frac{1}{8}$  oz. \$1.50.

7708 *Breck's Hollyhock Flowered*. A remarkable new race which bears a striking resemblance to Hollyhock. Spire-like spikes of extraordinary length bearing flowers of indescribably rich and varied tints. Pkt. \$1.00.

• 7710 *Belladonna*. Beautiful turquoise-blue flowers. This variety is a very free continuous bloomer from the end of June until frost; no hardy border is complete without it. Pkt. 35c;  $\frac{1}{8}$  oz. \$1.25.

7713 *Bellamosa*. A dark blue of the type of Belladonna with the color of the Old Formosum variety, but not liable to mildew like the latter, and of stronger growth. Pkt. 35c;  $\frac{1}{8}$  oz. \$1.25.

7719 *Cardinale*. Scarlet with yellow centre. 3 feet. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.25.

7725 *Chinensis. Blue*. Foliage light green; deeply divided. Individual flowers large and in compact racemes. Good for the hardy border. 1½ feet. Pkt. 10c;  $\frac{1}{4}$  oz. 75c; oz. \$2.50.

7728 *Chinensis Album*. A variety of the preceding with pure white flowers. 1½ feet. Pkt. 10c;  $\frac{1}{4}$  oz. 75c; oz. \$2.50.

7737 *Formosum*. Rich, dark blue. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.25.

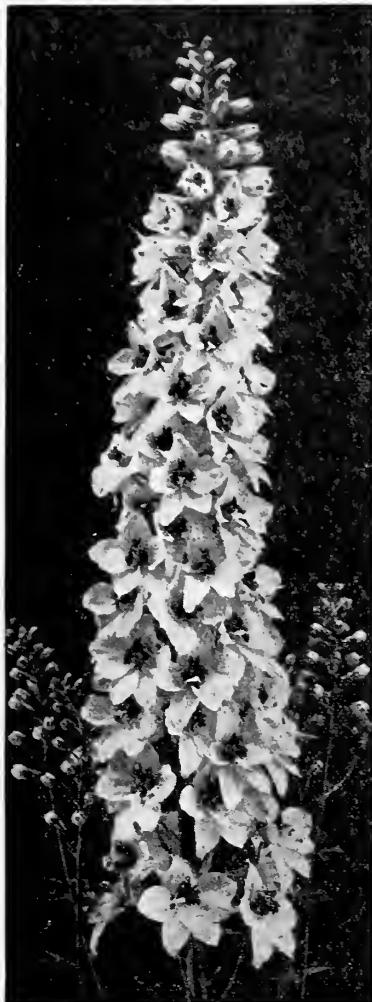
7745 *King of Delphiniums*. Deep blue with white eye. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.25.

7751 *Nudicaule*. Scarlet. 2 feet. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.25.

7753 *Choice Hybrids Mixed*. An excellent mixture of large flowering hybrids. Pkt. 15c;  $\frac{1}{4}$  oz. 75c; oz. \$2.50.



Echinops—Globe Thistle



Delphinium

**DICTAMNUS—Dittany or Gas Plant**

An old garden favorite with fragrant, glossy foliage that gives forth an odor like lemon when rubbed in the hands; a great favorite with bees. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.25.

7758 *Fraxinella*. Purple.7760 *Fraxinella alba*. White.**DIGITALIS—Foxglove**

Excellent hardy Perennials, producing long clusters of tubular flowers. Splendid for shrub-beries, shady places, and borders.

**7767** *Breck's Selected Mixed*. Giant spikes of flowers in a splendid variety of color from white through the various intermediate shades to the deepest rose, beautifully marked and spotted with crimson, purple or brown. They grow to a height of from 4 to 5 feet and produce a striking effect. Pkt. 25c;  $\frac{1}{4}$  oz. 75c; oz. \$2.50.

**7769** *Gloxinæflora, Mixed*. Beautiful spikes of flowers in many colors. The individual blooms with their spotted throats resemble closely Gloxinias. 4 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 50c; oz. \$1.75.

**7771** *Grandiflora*. Flowers, pale yellow spotted brown; small but effective. 4 feet. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.

**7773** *Maculata Superba, Ivory's Spotted Varieties Mixed*. 3 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.

**7775** *Monstruosa Superba, Mixed*. A wonderful mixture of gigantic bell-shaped flowers. 3 feet. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.

**7777** *Purpurea (Common Foxglove)*. Purple. 3 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.

**7778** *Purpurea Alba*. White. 3 ft. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

**7779** *Purpurea Rosea*. Pink. 3 feet. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

**7781** *Mixed*. 3 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.

**DODECATHEON—Shooting Star**

An old-fashioned Perennial with drooping rosypurple flowers in May or June, which, on account of the resemblance, is sometimes called American Cyclamen.

7784 *Meadia*. 1 foot. Pkt. 50c.

**THE PERENNIAL BORDER** should be given a good dressing of Breck's Fine Ground Fertilizer Bone every year. 5 lbs. 40c; 10 lbs. 75c; 25 lbs. \$1.25; 50 lbs. \$2.25; 100 lbs. \$3.50.

**ECHINACEA—Cone-flower**

A bushy showy plant with flowers, sometimes 4 inches across. Centre of flowers dark, drooping petals. July and August. 3 ft.

**7788** *Purpurea*. Large, reddish-purple flowers. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.50.

**ECHINOPS—Globe Thistle**

Magnificent Perennial with large thistle-like heads of light blue flowers. July and August. 3 feet.

7792 *Ritro*. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.**EDELWEISS**

A hardy Perennial plant from the Swiss Alps; star-shaped white flowers. 6 inches.

7795 *Gnaphalium Leontopodium*. Pkt. 25c.**EREMURUS**

A stately plant with long spikes of flowers. 8 feet.

7800 *Robustus*. Flesh pink. Pkt. 25c.7802 *Gold Medal Hybrids*. Comprising a mixture of fine new colors. Pkt. 50c.**ERIGERON**

An excellent hardy Perennial, producing flowers on stocky stems.

7806 *Aurantiacus*. Orange. July and August. 1 foot. Pkt. 25c.

7808 *Speciosus*. Mauve with yellow centre—fine for cutting. June and July. 1 $\frac{1}{2}$  feet. Pkt. 10c.

**ERYNGIUM—Sea Holly**

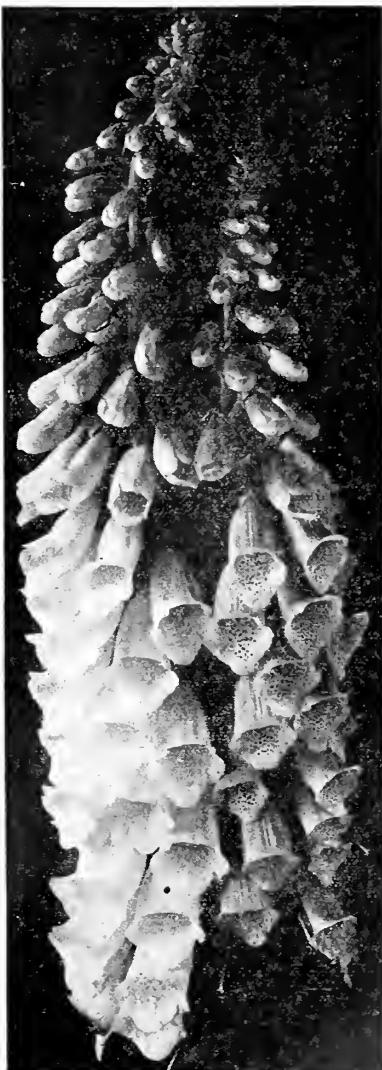
Handsome ornamental hardy Perennials, with beautiful thistle-like heads of azure blue, very finely cut foliage; excellent for Winter bouquets. July and August.

7812 *Amethystinum*. Deep blue. 3 feet. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.50.

7814 *Giganteum*. Handsome species with small round flower heads of pale blue. 2 $\frac{1}{2}$  feet. Pkt. 10c;  $\frac{1}{8}$  oz. 35c.

**EUPATORIUM**

A graceful Perennial bearing clusters of white flowers. August and September. 2 feet.

7818 *Fraserii*. Pkt. 15c;  $\frac{1}{8}$  oz. 50c.

Digitalis

## GAILLARDIA—Blanket Flower

Flowers in various shades of yellow with dark brown centres. Excellent for the border and one of the best Perennials for cutting. June until frost. 3 feet.

7830 Breck's Exhibition Hybrids. This is an exceedingly showy, effective strain of perennial Gaillardia, producing large, handsome flowers of various colors, including clear golden-yellow, brilliant crimson, edged gold, and others banded with gold. Pkt. 25c;  $\frac{1}{4}$  oz. 50c.

7834 Grandiflora Maxima. Yellow. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

7838 Grandiflora, Dazzler. A seedling from Lady Rolleston. Vivid crimson centre, wide yellow margin; a splendid variety. Pkt. 25c.

For Annual Varieties see page 23

### GALEGA

Ornamental plants with spikes of pea-shaped flowers; suitable for borders or cutting.  $2\frac{1}{2}$  feet.

7842 Officinalis. Purple. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

7844 Officinalis alba. Pure white. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

### GENTIANA

A dwarf-growing Perennial best suited to moist, shady spots.

7848 Acaulis. Intense deep blue.  $\frac{1}{2}$  foot. Pkt. 15c;  $\frac{1}{8}$  oz. \$1.00.

### GERANIUM

7855 Sanguineum. Attractive, finely cut foliage and bright rosy-purple flowers. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.

### GEUM

Fine herbaceous plants, well adapted for the hardy border. They produce an abundance of flowers suitable for cutting throughout the summer.  $1\frac{1}{2}$  feet.

7859 Atrosanguineum. The flowers are of deep orange-scarlet and semi-double. Pkt. 25c;  $\frac{1}{8}$  oz. 50c.

7860 Lady Stratheden. Fine double yellow; same type as Mrs. Bradshaw. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.

7861 Mrs. Bradshaw, Fl. Pl. Very large double flowers of the brightest scarlet; an excellent variety. Pkt. 25c;  $\frac{1}{8}$  oz. 75c.

7863 Orange Queen. A splendid variety, of a shade between that of Mrs. Bradshaw and Lady Stratheden; brilliant orangescarlet. Pkt. 25c.

### GRASSES—Ornamental

Many of the ornamental grasses have a light graceful habit and are very effective in the hardy border or for groups on lawns, while others are particularly adapted to cutting for bowls or vases.

7865 Arundo Donax (Great Reed). Drooping foliage; tall and stately. 12 feet. Pkt. 10c.

7867 Erianthus Ravennæ (Plume Grass). Often called hardy pampas grass on account of its close resemblance. Tall spikes of silvery plumes. 8 feet. Pkt. 10c.

7869 Eulalia Japonica variegata. Long narrow green leaves striped white. 5 feet. Pkt. 15c.



Gaillardia

7871 Eulalia Japonica Zebrina (Zebra Grass). So-called from cross stripes of yellowish-white at intervals on dark green leaves. Pkt. 15c.

7875 Panicum Altissimum. Of fine habit and striking appearance. Pkt. 10c.

7879 Stipa Pennata. Feather grass. Fine for cutting for bouquets. Pkt. 10c.

For Annual Varieties see page 23

## GYPSOPHILA—Baby's Breath

A most graceful plant, excellent for the border. Numerous small flowers in feathery panicles. July and August. Very useful for cutting. 3 feet.

7882 Paniculata. Masses of flowers with fine feathery stems and foliage, fine for bouquets. Pkt. 10c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.

7884 Paniculata, Fl. Pl. Seeds offered of this variety produce about 70% double flowering plants. This is a rare addition to the hardy Perennials and is highly recommended. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.

7886 Repens. A dwarf trailing plant producing dense clouds of tiny white flowers. A particularly good variety for rock-work and for low borders. Pkt. 15c;  $\frac{1}{8}$  oz. 50c.

For Annual Varieties see page 23

## HEATHER—Calluna Vulgaris

Heather is a very handsome small shrub, well adapted to borders, dry slopes and sandy banks. Will also grow well in damp, partly shaded situations. Cut branches keep their life-like appearance for months.

7890 Scotch Heather. Pink. Pkt. \$1.00.

## HELENIUM—Sneezewort

Very showy daisy-like flowers in great profusion. Good among shrubs or back of other perennials. One of the best Autumn flowering hardy plants.

7895 Autumnale Superbum. Large heads of bright golden yellow flowers. 4 feet. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.

7897 Bigelowii. Bright golden yellow with brown discs. 4 feet. Pkt. 25c;  $\frac{1}{8}$  oz. 75c.

7899 Hoopesii. Orange yellow. An early flowering variety, blooming in June. 2 feet. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.00.

7901 Riverton Gem. Large flowers of orange-yellow with dark centre. 3 feet. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.00.

## HELIOPSIS

Pretty branching perennial plants with numerous large yellow blossoms, resembling sunflowers. Fine for cutting; blooms all Summer. 2 to 3 ft.

7916 Golden Sun. Golden yellow. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.00.

7917 Pitcheriana. Yellow. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.

## HESPERIS—Sweet Rocket

Old garden favorites, having splendid clusters of fragrant purple and white flowers useful for cutting. June and July. 2 $\frac{1}{2}$  feet.

7925 Matronalis. Purple. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 75c.

7927 Matronalis alba. White. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 75c.

7930 Mixed. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 75c.

**HEUCHERA—Coral Bells**

Very desirable herbaceous Perennials, blooming from Spring until late in the Autumn. Flowers are borne in loose panicles on stout stems well above tufts of heart-shaped leaves; splendid for rock-work. 1½ feet.

- 7935 Sanguinea. Coral-red spikes of flowers. Pkt. 25c.
- 7937 Splendens. Bright crimson-scarlet. Pkt. 25c.
- 7939 Breck's Choice Hybrids. New shades. Pkt. 35c.

**HIBISCUS—Mallow**

Flowers sometimes 5 inches across, with purple centres. Shrubby in growth. Good among shrubs or in the flower border. July to September.

- 7944 Moscheutos roseus. 5 feet. Pkt. 10c; ¼ oz. 35c;

**HOLLYHOCK — Althea**

Grand Summer-flowering plants bearing long spikes of flowers to a height of six feet and over. These old inhabitants of our gardens, on account of their stately growth, are unexcelled for planting along fences or buildings, or for background effect. They are perfectly hardy and when established will bloom year after year.

**CHATER'S DOUBLE-FLOWERED**

A magnificent strain remarkable for form and coloring. The flowers are very double and all the well-known colors are represented. Pkt. 25c; ¼ oz. \$1.00.

7950 Apple Blossom	7962 Newport Pink. Double flowers of beautiful pure pink
7952 Blush White	7964 Pure White
7954 Carmine	7966 Rose
7956 Crimson	7968 Salmon Pink
7958 Dark Maroon	
7960 Lemon Yellow	

7970 Breck's Silver Medal, Mixed. Contains every desirable color.  
 79721 Collection, Double (6 distinct colors). For \$1.25.

**BRECK'S SINGLE-FLOWERED**

Many people prefer the single-flowered Hollyhock. When covered with their artistic blooms they are very attractive. Pkt. 25c; ¼ oz. \$1.00.

7974 Flesh	7978 Purple	7983 White
7976 Pink	7980 Scarlet	7985 Yellow

7987 Single Mixed. All colors.  
 79891 Collection, Single (6 distinct colors). For \$1.25.  
 7990 Alleghany Mixed. Single and double fringed. Pkt. 15c; ¼ oz. 75c.

**HUMULUS—Hop**

A good vine for covering arbors, walls, fences, or tree trunks. Leaves rough; young flowers and hops very fragrant. 25 feet.

- 7998 Lupulus (Common Hop). Pkt. 15c; ¼ oz. \$1.00.

**INCARVILLEA**

Handsome plants with long green leaves and strong stalks bearing large Gloxinia-like flowers. June and July. 2 feet.

- 8002 Delavayi. Rose. Pkt. 25c.
- 8004 Grandiflora. Dark carmine. Pkt. 25c.

**INULA**

A common Perennial bearing many Aster-like blossoms; useful for rock-work. June to August. 2 feet.

- 8008 Grandiflora. Yellow. Pkt. 25c.

**IRIS**

This variety is now extensively grown in the hardy garden. They bloom the second year from seed.

- 8012 Kaempferi Mixed. (Japanese Iris). Pkt. 15c; ¼ oz. 60c; oz. \$2.00.

**KUDZU VINE**

Remarkably fast-growing vine with large green leaves and clusters of pea-shaped rosy-purple flowers. When well established it will grow from 40 to 60 feet in a season. The plant dies back to the ground in the Winter.

- 8015 Pueraria Thunbergiana. Pkt. 15c; ¼ oz. 60c; oz. \$2.00.

**LATHYRUS LATIFOLIUS—Perennial Pea**

The everlasting peas are excellent hardy perennials. Their culture is very simple and they last a long time in bloom. For covering walls, trellises, or rockeries, as well as for cut flowers, they are most valuable.

- 8020 White Pearl. Pkt. 25c; ¼ oz. \$1.25.
- 8022 Pink Beauty. Pkt. 25c; ¼ oz. \$1.00.
- 8024 Splendens. Red. Pkt. 10c; ¼ oz. 50c.
- 8026 Mixed. Pkt. 10c; ¼ oz. 50c.

**LAVENDER—Lavendula**

An old favorite valued for its sweet-scented leaves and flowers.

- 8030 Spica (Sweet Lavender). Blue. 2 feet. Pkt. 15c; ¼ oz. 35c; oz. \$1.00.
- 8032 Vera. Blue. 1½ feet. Pkt. 15c; ¼ oz. 35c; oz. \$1.00.

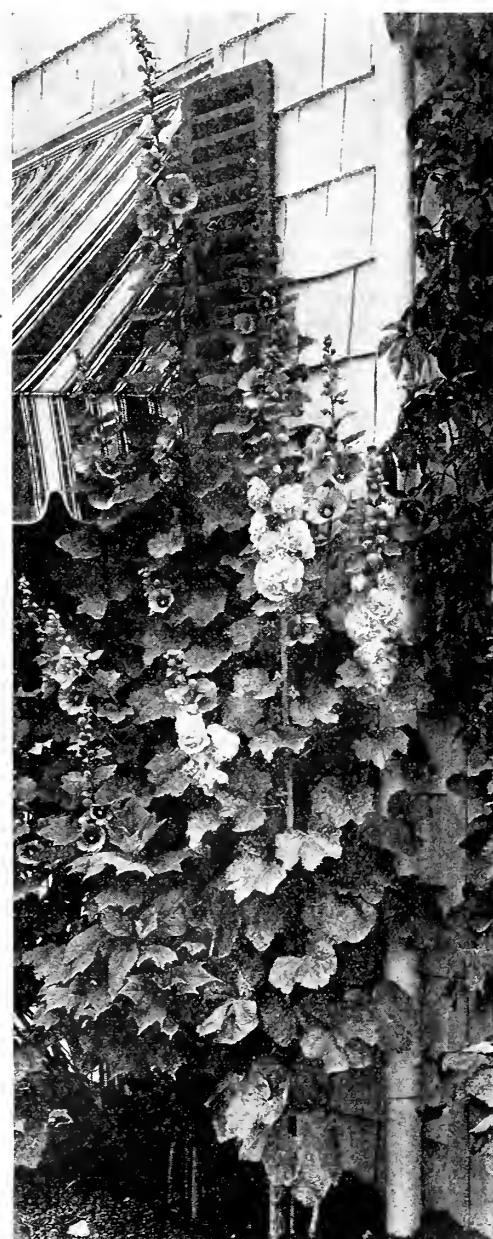
**LIATRIS**

Showy flowers in long spikes which are very effective among other Perennials or shrubs. Foliage grass-like. Pkt. 25c.

- 8036 Pycnostachya (Kansas Gay Feather). Rose-purple.
- 8038 Spicata (Blazing Star). Purple. 1½ feet.

**LILIMUM**

- 8040 Regale. (Regal Lily). A beautiful lily from northern China, easily grown from seed. Large trumpet-shaped, white flowers flushed with yellow and shaded deep pink on outside of petals. Pkt. 50c.



Hollyhock



Lychnis



Lythrum



Lupinus

**LINUM—Flax**

Very attractive in clumps among other Perennials or in the rockery. Foliage delicate; flowers borne on slender stems.

- 8042 Flavum (Golden Flax). Yellow. 1 foot. Pkt. 25c.
- 8044 Perenne Album. White. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.
- 8046 Perenne Cœruleum. Blue. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.
- 8048 Perennial Sorts. Mixed. Pkt. 10c; oz. 50c.

For Annual Varieties see page 25

**LOBELIA**

A lovely hardy plant; particularly good near streams or in moist, shaded places. Flowers in large brilliant spikes.

- 8052 Cardinalis (Cardinal Flower). A native variety with spikes of brilliant flowers; succeeds best in rather moist situations. 2 feet. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.
- 8054 Queen Victoria. Scarlet with dark foliage. Pkt. 25c.
- 8056 Syphilitica. Rich blue. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.

For Annual Varieties see page 25

**LUNARIA—Honesty**

Interesting plants with showy purple flowers and transparent, silvery seed-pods, which are very ornamental, and much used for Winter bouquets. Hardy biennial. 2 feet.

- 8058 Biennis. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

**LUPINUS**

Leaves Palmate, flowers pea-shaped, in long spikes. An old garden favorite. 3 feet.

- 8060 Arboreus. Bright yellow. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.
- 8062 Arboreus Snow Queen. Large pure white flowers. 3 feet. Pkt. 25c;  $\frac{1}{4}$  oz. 75c.
- 8064 Polyplyllus Blue. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 75c.
- 8066 Polyplyllus Rose. Very pretty rose shade. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.
- 8068 Polyplyllus White. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 75c.
- 8070 Polyplyllus Yellow. Pkt. 25c;  $\frac{1}{4}$  oz. \$1.00.
- 8072 Polyplyllus Mixed. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 75c.

For Annual Varieties see page 25

**LYCHNIS**

Very striking Perennials having many brilliantly colored flowers borne on long stems. Splendid for cutting. June to September.

- 8075 Arkwrightii. A cross between Lychnis Chalcedonica and Haageana, resulting in flowers different and better than either parent. Has the upright habit of the former with the flower form of the latter, but greatly improved.

Covered with blooms of rich, effective colors. 2 feet. Pkt. 25c;  $\frac{1}{8}$  oz. \$2.00.

- 8077 Chalcedonica. (Jerusalem Cross). Scarlet. 2 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.
- 8079 Chalcedonica Alba. White. Pkt. 10c;  $\frac{1}{4}$  oz. 60c.
- 8083 Flos Cuculis (Ragged Robin). Pink. 2 feet. Pkt. 15c;  $\frac{1}{8}$  oz. 50c.
- 8087 Haageana Hybrida. Mixed. Pkt. 15c;  $\frac{1}{8}$  oz. 75c.

**LYTHRUM—Loose Strife**

Foliage willow-like; flowers in graceful spikes. Good in the bog-garden or along streams. 4 feet.

- 8090 Roseum Superbum. Purple. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.

**MALVA—Mallow**

Large, showy flowers growing well in almost any good garden soil, and blooming all Summer.

- 8095 Alcea (Hollyhock Mallow). Rose. 3 feet. Pkt. 15c;  $\frac{1}{8}$  oz. \$1.00.
- 8097 Moschata (Musk Mallow). Rose-colored. 2 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.
- 8099 Moschata Alba. White. 2 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.

**MIMULUS—Monkey Flower**

A genus of handsome, profuse-flowering plants, with singularly shaped and brilliant-colored flowers. 1 foot.

- 8102 Cardinalis. Scarlet. Pkt. 25c.
- 8104 Tigrinus. Fine spotted varieties. Pkt. 25c.

**MYOSOTIS—Forget-me-not.**

Plants of the Forget-me-not can be flowered first season from seed if started early in the Spring. Especially suitable for border and bedding, producing little blue star-like flowers early in the Spring.

- 8112 Alpestris Alba. White.  $\frac{1}{2}$  foot. Pkt. 10c;  $\frac{1}{4}$  oz. 60c.
- 8116 Alpestris Rosea. Rose.  $\frac{1}{2}$  foot. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.00.
- 8118 Alpestris Victoria. A beautiful variety of dwarf bushy habit, bearing a profusion of large bright blue flowers.  $\frac{1}{2}$  foot. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.25.
- 8120 Alpestris Mixed. 1 foot. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.
- 8126 Palustris Semperflorens. True water forget-me-not. Bright blue.  $\frac{1}{2}$  foot. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.50.
- 8128 Royal Blue.  $\frac{1}{2}$  foot. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.25.
- 8137 Star of Love. Very dwarf blue, dark green foliage. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.75.

**NEPETA**

Hardy perennial of the same family as the well known Catnip. An excellent plant for edgings.

8139 *Mussini*. Blue-gray foliage surmounted by clouds of pale mauve flowers from May to September. 1 ft. Pkt. 25c.

**CENOTHERA—Evening Primrose**

Vigorous in growth, with decumbent, slender branches. These are completely covered with single flowers which are about  $1\frac{1}{2}$  inches across. Particularly good for the rockery.

8140 *Afterglow*. Clear yellow with bright red calyx; the flowers remain expanded in brightest sunshine. 2 feet. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.

8142 *Fraseri*. Large pale yellow flowers from June to October. 1 $\frac{1}{2}$  feet. Pkt. 15c;  $\frac{1}{8}$  oz. \$1.25.

8144 *Lamarckiana*. Large flowered. Yellow. 3 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.

8146 *Missouriensis*. A low growing variety, the prostrate branches of which are profusely covered with large golden-yellow flowers from June to August. Pkt. 15c.

For Annual Varieties see page 28

**PENTSTEMON**

A most useful and ornamental class of Perennials. For mixed borders or massing in beds they have few rivals. They have a wonderful range of colors with penciled throats. June to August. 3 feet.

8160 *Digitalis*. Pure white with purple spotted throat; magnificent large flowers. Pkt. 15c;  $\frac{1}{8}$  oz. 50c.

8163 *Breck's Giant Hybrids*. Have a wide range of brilliant colors, rose, pink, lavender, crimson, purple, etc. Seeds sown in heat in January or February will bloom the same year. Pkt. 25c.

For Annual Varieties see page 28

**PHLOX**

The perennial Phloxes are among the best known and most satisfactory garden plants. Grown from seed, they vary greatly producing many unusual colors not found in the named varieties.

8168 *Decussata Mixed*. Pkt. 25c.

8170 *Decussata Nana Mixed*. Dwarf. Pkt. 25c.

For Annual Varieties, see page 29

**PHYSOSTEGIA—False Dragonhead**

Elegant bushy plants suitable for the border, bearing spikes of pink and white flowers throughout the season. Excellent for cutting. 2 feet.

8175 *Virginica Grandiflora Rosea*. Rose pink. Pkt. 15c;  $\frac{1}{8}$  oz. \$1.00.

8177 *Virginica Grandiflora Alba*. White. Pkt. 15c;  $\frac{1}{8}$  oz. \$1.00.

**PLATYCODON—Balloon Flower**

Numerous bell-shaped flowers on erect stalks. Bushy in habit and very showy. Flowers somewhat resemble Canterbury Bells. June to October.

8190 *Grandiflora Coerulea*. Blue. 2 feet. Pkt. 10c;  $\frac{1}{8}$  oz. 50c.

8192 *Grandiflora Alba*. White. 2 feet. Pkt. 10c;  $\frac{1}{8}$  oz. 50c.

8193 *Mariesii*. Dwarf large-flowered blue. 1 foot. Pkt. 15c;  $\frac{1}{8}$  oz. 75c.

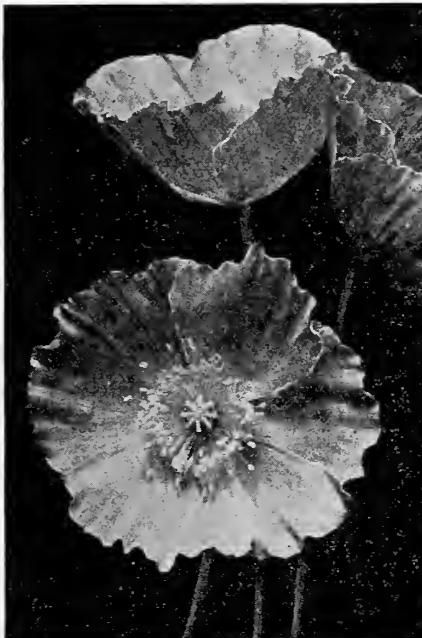
**POLEMONIUM—Jacob's Ladder**

A handsome border plant, with feathery fern-like foliage and clusters of bell-shaped flowers. June and July. 2 feet.

8197 *Grandiflorum Album*. White. Pkt. 15c;  $\frac{1}{8}$  oz. 50c.

8199 *Grandiflorum Coeruleum*. Blue. Pkt. 15c;  $\frac{1}{8}$  oz. 50c.

8201 *Richardsonii*. Sky blue. Pkt. 15c;  $\frac{1}{8}$  oz. 60c.



Poppy Nudicaule

**POPPY—Papaver**

The large-flowering perennial Poppies are among the very handsomest plants in the garden. Large clumps of them have a magnificent effect in shrubberies, in grass, and for naturalizing.

**ALPINUM**

A charming little Poppy with bright flowers resembling those of Papaver Nudicaule but dwarfer. Splendid for sunny borders or rock-work. 1 foot.

8206 *Fringed Mixed*. Beautiful fringed varieties. Pkt. 25c.

8208 *Mixed*. Pkt. 25c.

**NUDICAULE**

(Iceland Poppy). This beautiful dwarf perennial Poppy, if sown early in the season will flower the same year. The bright and showy blossoms are borne on slender stems. 1 foot.

8215 *Album*. White. Pkt. 25c;  $\frac{1}{8}$  oz. 60c.

8217 *Aurantiacum*. Orange-scarlet. Pkt. 25c;  $\frac{1}{8}$  oz. 60c.

8219 *Coccineum*. Double scarlet. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.

8220 *Coonara Pink Hybrids*. An excellent new strain of Iceland Poppies producing flowers which vary from flesh color, through all the various shades of pink, to deep rose. Pkt. 50c.

8221 *Luteum*. Double Yellow. Pkt. 25c;  $\frac{1}{8}$  oz. 75c.

8227 *Yellow*. Pkt. 25c;  $\frac{1}{8}$  oz. 60c.

8229 *Single Mixed*. Pkt. 25c;  $\frac{1}{8}$  oz. 60c.

**ORIENTALE**

We are now able to offer an entirely new range of colors in the following varieties: 3 feet.

8235 *Apricot Queen*. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.

8237 *Beauty of Livermere*. Crimson with dark blotch. Pkt. 25c;  $\frac{1}{8}$  oz. 75c.

8239 *Mrs. Perry*. Orange-apricot, a beautiful shade. Pkt. 25c.

8241 *Oriental*. Orange-scarlet flowers, having a conspicuous black blotch on each petal. 2 feet. Pkt. 10c;  $\frac{1}{8}$  oz. 75c.

8247 *Queen Alexandra*. Rosy salmon with Crimson blotch. Pkt. 25c.

8249 *Salmon Queen*. Rich salmon-yellow. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.

8250 *Oriental Hybrids Mixed*. Immense flowers of many colors. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.

For Annual Varieties see page 30

**POTENTILLA**

Very useful border plants with handsome foliage and showy flowers of yellow and red shades from June to August. 1 $\frac{1}{2}$  ft.

8255 *Double Mixed*. Pkt. 25c.

8257 *Single Mixed*. Pkt. 10c.

**ROCK GARDENING**

Breck's Rock Garden Collection of Hardy Plants will be found on page 137.

New Book—Rock Gardens by E. E. Rockwell \$1.10 postpaid.

## PRIMULA—Primrose

These hardy flowers require protection during the Winter. They do best in a northern exposure. All are very beautiful and useful for garden and pot culture.

8262 *Auricula Alpina Mixed.* Flowers in clusters. Foliage coarse and dense; good for the border or rock-garden where protection can be given in Winter.  $\frac{1}{2}$  foot. Pkt. 25c.

8264 *Japonica Mixed.* (Japanese Mixed). 2 feet. Pkt. 25c.

8266 *Polyantha Giant Fancy* (*Polyanthus*). Mixed. The earliest of the primroses to bloom. Flowers in loose clusters, large and very fragrant. Good under trees particularly on sheltered hillsides, or in the rock-garden. 1 foot. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.00.

8270 *Veris Mixed.* (Cowslip). 1 foot. Pkt. 25c.

8272 *Acaulis.* Common yellow English Primrose.  $\frac{1}{2}$  foot. Pkt. 25c.

8274 *Mixed Hardy Sorts.* An excellent mixture of various types containing a great variety of color. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.50.

For Greenhouse Varieties see page 52

## PYRETHRUM

Very beautiful hardy perennials with large, showy flowers and fine-cut foliage. Very desirable for beds and borders and useful as cut flowers.

8280 *Atrossanguineum.* Deep blood red. 2 feet. Pkt. 15c;  $\frac{1}{8}$  oz. \$1.00.

8282 *Roseum Double Hybrids Mixed.* Saved from the finest named varieties; splendid for cut flowers. 2 feet. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.50.

8284 *Roseum Single Hybrids Mixed.* Most effective in the border for their vivid colors and long lasting blooms. 2 feet. Pkt. 15c;  $\frac{1}{8}$  oz. 75c.

For Annual Varieties see page 30

## RUDBECKIA—Cone Flower

Strong, robust-growing plants, popular for borders. They are of very easy culture and flower all Summer and late Autumn.

8300 *Fulgida.* Orange-yellow with dark centre. 2 feet. Pkt. 15c;  $\frac{1}{4}$  oz. 75c.

8302 *Newmanni.* Yellow with maroon centre. 3 feet. Pkt. 15c;  $\frac{1}{4}$  oz. \$1.00.

For Annual Varieties see page 31

## SALVIA—Meadow Sage

Flowers in large spikes, very showy. Foliage coarse and downy. A good border plant.

8304 *Argentea.* Large silvery foliage, flowers white. June. 3 feet. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

8306 *Pratensis.* Large spikes of rich blue flowers. June to August. 1 $\frac{1}{2}$  feet. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

For Annual Varieties see page 31

## SCABIOSA

A very free-flowering perennial with semi-double flowers about 2 $\frac{1}{2}$  inches across. A good border plant. June to September. 2 feet.

8310 *Caucasica Alba.* A beautiful variety with large, pure white flowers. Pkt. 25c.

8312 *Caucasica Cœrulea.* A splendid variety similar to the preceding, having light blue flowers. Pkt. 15c;  $\frac{1}{8}$  oz. \$1.00.

8314 *Japonica.* Very desirable hardy sort with delicate lavender-blue flowers borne on long slender stems. Pkt. 15c;  $\frac{1}{8}$  oz. 75c.

For Annual Varieties see page 32

## SENECIO

A handsome perennial with rich orange-yellow flowers and large leaves. Well adapted to growing by the sides of lakes and streams. July and August.

8320 *Clivorum.* 4 feet. Pkt. 25c.

## SIDALCEA

A fine hardy plant for the border bearing long spikes of flowers. Each plant develops a sheaf of spikes 5 to 6 feet high, well furnished with beautiful rose-colored flowers during June and July.

8325 *Rose Queen.* Pkt. 25c.

## SOLIDAGO—Goldenrod

Hardy perennial producing large heads of deep golden-yellow flowers, often more than a foot long, blooms late in Summer. 3 feet.

8330 *Canadensis.* Pkt. 25c;  $\frac{1}{8}$  oz. 50c.

## STACHYS—Lambs' Ears

Hardy perennial with silvery-white leaves, much used in ribbon borders and edgings. 1 $\frac{1}{2}$  feet.

8335 *Lanata.* Pkt. 10c;  $\frac{1}{4}$  oz. 50c.

## STATICE—Sea Lavender

Beautiful tiny flowers in large spreading sprays. Foliage dark green and leathery. One of the best perennials for cutting, also good in the border or rock-garden. 1 $\frac{1}{2}$  feet.

8340 *Gmelini.* Violet-blue. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.

8342 *Latifolia.* Lavender-blue. Pkt. 10c;  $\frac{1}{8}$  oz. 75c.

8344 *Mixed.* Pkt. 10c;  $\frac{1}{4}$  oz. 50c.

For Annual Varieties see page 32

## STOKESIA—Cornflower Aster

A most beautiful and charming hardy perennial, easily raised from seed, and flowering the first year if started early. The plant grows about 2 feet high and blooms from July to October.

8350 *Cyanea Alba.* White. Pkt. 25c.

8352 *Cyanea Lavender.* Pkt. 15c;  $\frac{1}{8}$  oz. 75c.



Scabiosa Caucasia



Sweet William

## SWEET WILLIAM

### Dianthus Barbatus

Popular hardy biennials of easy culture extensively used in old-fashioned gardens, flowers of brilliant colors borne in large clusters, fine for cutting. 1½ feet.

8360 Breck's Auricula-Eyed Choice Mixed. Pkt. 10c; ¼ oz. 50c; oz. \$1.50.

8362 Crimson. Pkt. 10c; ¼ oz. 50c.

8364 Holborn Glory. A mammoth strain. The markings are regular with well defined centres. Pkt. 15c; ¼ oz. 75c.

8366 Newport Pink. Color watermelon-pink, fragrant. Pkt. 15c; ¼ oz. \$1.00.

8368 Pink Beauty. Deep pink. Pkt. 15c; ¼ oz. 75c.

8372 Scarlet Beauty. A distinct shade of rich scarlet, very effective in borders. Pkt. 15c; ¼ oz. 75c.

8374 White. Pkt. 10c; ¼ oz. 50c; oz. \$1.50.

8376 Double Mixed. Pkt. 15c; ¼ oz. 75c; oz. \$2.50.

8378 Single Mixed. Pkt. 10c; ¼ oz. 50c; oz. \$1.50.

### THALICTRUM

A fine herbaceous plant very useful for mixing with cut flowers.

8383 Adiantifolium. Graceful fern-like foliage. 1 ft. Pkt. 15c.

8385 Dipterocarpum. Handsome sprays of rosy purple flowers, golden anthers. 2 feet. Pkt. 50c.

### TRITOMA—Red-Hot-Poker Plant

Early in Autumn these unique and striking plants produce tall, pyramidal spikes of blazing red, tubular flowers.

8390 Express. Scarlet. 3 feet. Pkt. 25c; ⅛ oz. \$1.00.

8392 Uvaria Grandiflora. Scarlet. Pkt. 15c; ⅛ oz. 75c.

### TROLLIUS—Globe Flower

An excellent hardy perennial having finely divided deep green foliage, and large globular flowers borne on stout stems. A good border plant, excellent for cutting. 1½ feet.

8398 Caucasicus. Orange. Pkt. 25c.

8400 Europaeus. Yellow. Pkt. 15c; ⅛ oz. 75c.

### VALERIANA

In Spring it bears dense clusters of small heliotrope-scented flowers. 4 feet. Pkt. 10c; ¼ oz. 35c.

8406 Red

8408 White

8410 Mixed

### VERONICA—Speedwell

Splendid hardy plants which bear unusually long spikes of small, showy flowers. 2 feet.

8415 Longifolia. Deep blue. August and September. Pkt. 10c; ⅛ oz. 50c.

8417 Spicata. Bright blue. July. Pkt. 15c; ⅛ oz. 75c.

### VIOLA CORNUTA—Tufted Pansies

Elegant free-blooming plants, good for shady borders.

8418 Admiratio. Dark blue. Pkt. 15c; ¼ oz. \$1.50.

8419 Lutea Splendens. Yellow. Pkt. 15c; ¼ oz. \$1.25.

8420 Perfection. Light blue. Pkt. 15c; ¼ oz. \$1.50.

8421 Mauve Queen. Mauve. Pkt. 15c; ¼ oz. \$1.50.

8422 Papilio. Large-flowered very fine and free-blooming; deep violet. Pkt. 15c; ¼ oz. \$1.50.

8423 White Perfection. Pure white. Pkt. 15c; ¼ oz. \$1.50.

8424 Choice Mixed. Pkt. 10c; ¼ oz. \$1.00.

### VIOLET—Viola Odorata

Pretty free-blooming, hardy violets with large fragrant flowers.

8425 Odorata Semperflorens. Dark Blue. Pkt. 25c.

8427 The Czar. Violet Blue. Pkt. 35c.

8428 White Czar. Pure white. Pkt. 35c.

8429 Mixed. Pkt. 25c.

### WALLFLOWER—Cheiranthus

An old garden favorite, blooming in the Spring; much prized for its pretty fragrant flowers, which range from brown to yellow. 1 foot.

8430 Brilliant. Bright blood red. Pkt. 10c; ¼ oz. 50c.

8433 Cloth of Gold. Deep yellow. Pkt. 10c; ¼ oz. 50c.

8436 Eastern Queen. Bright chamois changing to red. Pkt. 10c; ¼ oz. 50c.

8439 Ivory White. Pkt. 10c; ¼ oz. 50c.

8441 Primrose Dame. Clear primrose yellow. Pkt. 10c; ¼ oz. 50c.

8444 Vulcan. Rich velvety crimson. Pkt. 15c; ¼ oz. 60c.

8447 Single Mixed. Pkt. 10c; ¼ oz. 30c; oz. \$1.00.

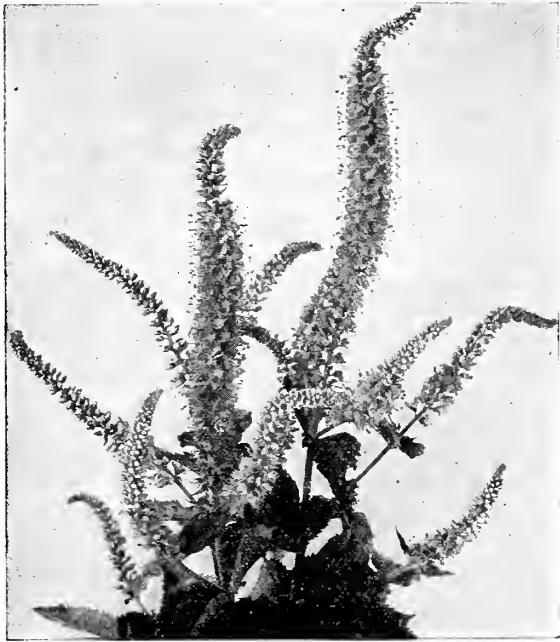
8450 Double Mixed. Pkt. 25c; ¼ oz. \$1.00.

84541 Collection (6 varieties). For 50c.

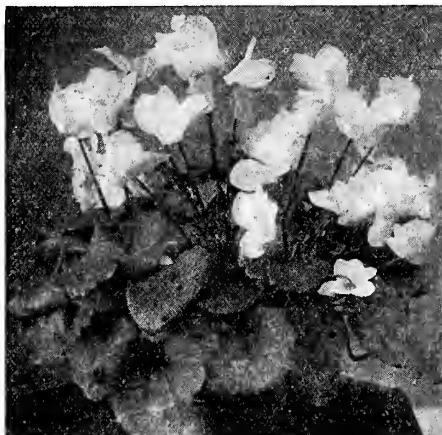
### YUCCA—Adam's Needle

Showy plants with long, narrow sword-like leaves and tall branching stalks of bell-shaped flowers. Very effective when planted in masses and among other Perennials.

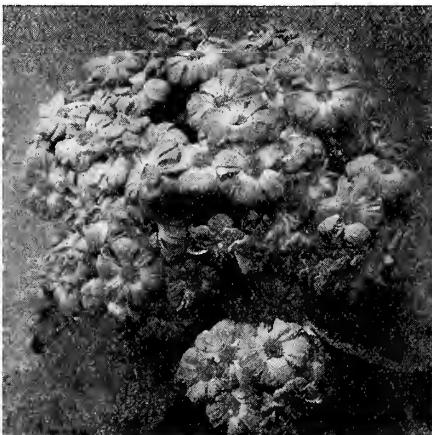
8455 Filamentosa. Creamy white. Pkt. 25c.



Veronica



Cyclamen



Cineraria



Calceolaria

## FLOWER SEEDS FOR GREENHOUSE CULTURE

The seeds of these plants are very minute in most cases, and require great care and delicate handling to prevent failure. As soon as the young plants show their two seed leaves, they should be carefully pricked

### ABUTILON

Free-flowering greenhouse shrubs excellent for conservatory decoration.

8500 Breck's Choice Hybrids Mixed. Pkt. 25c.

### ACACIA

Tender perennial shrub with graceful branches and sweet-scented flowers.

8510 Baileyana. Fine long flower sprays, excellent for cutting. Pkt. 25c.

8512 Dealbata. Golden-yellow flowers, silvery fern-like foliage. Pkt. 25c.

### ACHIMENES

Fine Summer-blooming tender greenhouse perennial; valuable for pots or hanging baskets. The flowers vary considerably in size and are of the richest colors.

8520 Choice Mixed. Pkt. 50c.

### AGATHEA—Blue Marguerite

Tender perennial with small daisy-like flowers. Very useful for pot culture. 2 feet.

8525 Cœlestis. Blue with yellow centre. Pkt. 25c.

### ANGELONIA

Sweet scented greenhouse perennial which blooms the first season from seed. Plants average 1½ ft. to 2 ft. in height and are especially suited for greenhouse and conservatories.

8527 Grandiflora. Pale lilac mauve. Pkt. 50c.

8528 Grandiflora Alba. White. Pkt. 50c.

### ASPARAGUS

Elegant greenhouse plants for hanging baskets or for cutting for bouquets and table decorations.

8573 Plumbosus Nanus. Valuable for its graceful finely cut foliage. Pkt. 25c; for 100 seeds \$1.25.

8576 Sprengeri. For conservatory decoration, bouquets, wreaths or sprays. Pkt. 25c; oz. \$1.00.

### CALCEOLARIA

Ornamental conservatory and house plants bearing numerous pocket-like flowers of brilliant self colors and handsomely spotted.

8595 Breck's Scotch Prize Mixed. Flowers are beautifully blottedched and striped in exceedingly rich colors of yellow, maroon, crimson, white, etc. Pkt. \$1.00.

out into boxes, care being taken not to damage the roots. Many minute plants from the finer seeds are destroyed by drenching them with water—a vaporizer or sprayer should be used for watering.

88598 Clibranii. The flowers are of deep golden-yellow and produced in great abundance on long slender stems. Pkt. 75c.

8607 James's Giant Mixed. Fine for exhibition. Pkt. 75c.

8613 Rugosa. A shrubby variety; fine for bedding. Pkt. 50c.

### CELSIA

8616 Arcturus. Clear yellow flowers with purple anthers. A decorative conservatory plant, flowering in about six months from date of sowing. Pkt. 50c.

8617 Cretica. Long spikes of large yellow flowers. An excellent cool greenhouse and conservatory plant. Pkt. 50c.

### CHRYSANTHEMUM

These can be flowered the same year from seed and are splendid for cut flowers or pot plants.

8627 Chinese Mixed. Large single flowers. Pkt. 25c.

8629 Pompon Mixed. Very free-flowering with small flowers. 2½ feet. Pkt. 25c.

8631 Comtesse de Chambord (Yellow Paris Daisy). 1½ feet. Pkt. 25c.

8633 Frutescens. (White Paris Daisy). An excellent plant for the greenhouse or Summer bedding out-doors. 1½ feet. Pkt. 15c.

8635 Japanese Mixed. Extra large double flowers with long twisted petals. Pkt. 25c.

### CINERARIA

To produce good plants for decorative purposes sow in May or June. These magnificent plants are indispensable for Spring decoration in the conservatory or window garden.

8640 Breck's Columbia Strain. Tall Mixed. This includes every conceivable shade of pink, carmine, crimson, and blue as well as pure white. The flowers are of immense size, borne on plants of robust habit. 2 feet. Pkt. \$1.00.

8642 Breck's Columbia. Dwarf Mixed. Dwarf compact variety about 15 inches high. Pkt. \$1.00.

8645 James Prize. Choice varieties, mixed. Seed is saved for us by one of the foremost growers in England from prize varieties and contains a magnificent range of colors. Pkt. 75c.

Separate colors—Pkt. \$1.00

8650 Antique Rose

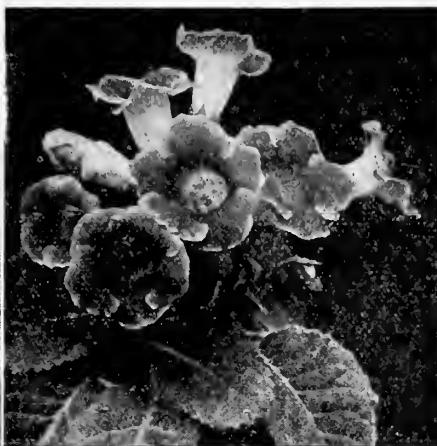
8656 Crimson

8653 Azure Blue

8659 Pure White



Geranium



Gloxinia



Primula

**CACTUS-FLOWERED**

Large single flowers with narrow petals radiating from a small centre. This strain contains most beautiful color tints.

8662 Breck's Mixed. Pkt. 75c.

**MULTIFLORA NANA**

A new strain of compact habit. The leaves are smaller than those of the Grandiflora type and flowers, one inch in diameter, are borne in dense umbels well above the foliage. 1 foot.

8663 Mixed. Pkt. \$1.00.

**STELLATA**

A splendid plant for conservatory decoration during the Winter and Spring. Immense heads of star-like flowers.

8665 Choice Mixed. Pkt. 75c.

**COLEUS—Flame Nettle**

Bedding and greenhouse plants with beautifully colored foliage. Leaves beautifully marbled and spotted.

8691 Large-Leaved Dwarf. 1 foot. Pkt. 25c.

8694 Choicest Mixed. 2 feet. Pkt. 50c.

**CYCLAMEN****BRECK'S GIANT STRAIN**

A superior strain with flowers of largest size and perfect form displayed well above the foliage.

8700 Breck's Imperial Mixed. Contains all the brilliant colors. Pkt. 75c; for 100 seeds \$2.00.

8703 Bush Hill Pioneer. Mauve.

8706 Bush Hill Pioneer. Rose.

8709 Bush Hill Pioneer. Salmon.

8712 Bush Hill Pioneer. White.

8715 Cherry Ripe. Brilliant red.

8716 Eileen Low. Deep rose with pale penciled border and crest. Pkt. \$1.50; for 100 seeds \$5.00.

8717 Fragrant Gem. White with rose eye. } Pkt. \$1.00; for

8718 Mrs. Buckston. Bright salmon. } 100 seeds \$3.50.

8733 Princess May. Giant Rose. } Pkt. 75c; for

8735 Salmon King. Salmon pink. } 100 seeds \$2.50.

8737 Vulcan. Deep blood red. Pkt. 50c; for 100 seeds \$2.00.

8739 White Swan. Giant white. Pkt. 50c; for 100 seeds \$2.00.

**DRACÆNA**

Beautiful ornamental foliage plants, useful for greenhouse and sub-tropical decorations.

8752 Indivisa. Green. Pkt. 10c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

8754 Veitchii. Red and green. Pkt. 25c.

**EXACUM**

A most useful greenhouse pot plant, flowers within six months after sowing, producing beautiful sweet scented flowers. 12 in.

8763 Affine. Beautiful rich blue. Pkt. 75c.

**FERNS**

Easily grown greenhouse varieties producing many new forms of various heights with ornamental foliage.

8765 Greenhouse Varieties Mixed. In great variety.  
Pkt. 25c.

**FREESIA**

The colored Freesias are one of the novelties of late years. The beautifully tinted flowers are sweet-scented, easily grown; seedlings will bloom in 6 to 7 months after sowing.

8775 Hybrida Ragionieri. Choice mixed. Pkt. 50c.

**FUCHSIA**

A handsome bushy plant with numerous bell-shaped flowers.

8780 Hybrida Single Mixed. Pkt. 50c.

8782 Hybrida Double Mixed. Pkt. 75c.

**GENISTA**

A pretty branching plant bearing clusters of pea-shaped flowers.

8785 Canariensis. Bright yellow. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

**GERANIUM**

Elegant greenhouse plants having an immense variety of single and double flowers.

8792 Show Pelargoniums. Mixed. Pkt. 50c.

8794 Zonale. Single mixed. Large-flowered. Pkt. 50c.

**GERBERA—Transvaal Daisy**

A handsome plant with large Daisy-like flowers on 12 to 18 inch stems. Unsurpassed as cut flowers on account of their splendid lasting qualities. They are easily grown from seed.

8800 Jamesoni Gigantea. Very handsome large scarlet Marguerite. Pkt. 50c.

8802 Jamesoni Hybrida. Mixed colors. A much improved strain of Jamesoni. The colors are exquisitely delicate. Pkt. 50c.

**GLOXINIA**

A magnificent race of Summer-flowering plants. Their rich, velvety green leaves and graceful tubular flowers make them valuable for greenhouse and conservatory decoration.

8810 Breck's Giant Hybrids, Mixed. Pkt. \$1.00.

**GREVILLEA—Silk Oak**

Fern-like foliage. A fine decorative plant for house and greenhouse; it may be easily grown from seed.

8835 Robusta. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50.

**HELIOTROPE**

Greenhouse shrub having oval-shaped green leaves and heads of small intensely fragrant flowers that completely cover the plant. They are splendid bedding and pot plants.

8840 Chieftain. Deep purple. 2 feet. Pkt. 25c;  $\frac{1}{8}$  oz. \$1.50.

8843 Snowball. White. 2 feet. Pkt. 25c.

8846 Giant Hybrids Mixed. 2 feet. Pkt. 15c;  $\frac{1}{8}$  oz. \$1.50.

**IMPATIENS—Perennial Balsam**

A fine, bushy, greenhouse plant bearing many single brilliant flowers. Blooms almost continuously. Pkt. 25c.

- 8850 Sultani. Bright rose, profuse and continuous blooming.
- 8852 Holstii Hybrids Mixed. A splendid mixture.
- 8854 Holstii. Vermilion red.

**ISOLOMA**

Splendid pot plants for the decoration of rooms. Seeds sown from January to March are ready to bloom from July to Winter. The richness of colors is simply startling. The plants are not sensitive to change, and are well fitted for cultivation in rooms.

- 8860 Breck's New Hybrids. A splendid mixture. Pkt. \$1.00.

**MAURANDYA**

Magnificent, tender climbing perennial having many showy trumpet-shaped flowers. Flowers from seed the first season.

- 8870 Choice Mixed. 10 feet. Pkt. 25c.

**MIMULUS**

A genus of handsome, profuse-flowering plants, with singularly shaped and brilliant-colored flowers.

- 8880 Moschatus (Musk). The well-known scented variety of musk. Very fine in hanging baskets; tender annual. Flower yellow.  $\frac{1}{2}$  foot. Pkt. 25c.

**MUSA ENSETE**

- 8890 Abyssinian Banana. Of all the plants available to us for sub-tropical effects, this is the most luxuriant. It grows here from 12 to 15 feet high with leaves 6 to 8 feet in length. Seeds sown in January or February produce good plants for Summer bedding. Pkt. 25c; for 100 seeds \$2.50.

**PASSIFLORA—Passion Flower**

A handsome rapid-growing vine which bears interesting flowers freely throughout the Summer.

- 8895 Cœrulea. Blue. 30 feet. Pkt. 25c;  $\frac{1}{2}$  oz. 50c.

**PHORMIUM — New Zealand Flax**

An exceedingly handsome and curious plant with variegated sword-shaped leaves and orange-colored flowers produced on long spikes well above the foliage. A magnificent plant for lawn and greenhouse decoration.

- 8900 Tenax Foliis Variegatis. Variegated leaves. Height 8 to 10 feet. Pkt. 25c.

**PRIMULA****BRECK'S SUPERB STRAIN**

*Chinensis* (Chinese Primrose). The seed we offer has been saved from only the most beautiful and perfect blooms, of large and fine substance. They are handsomely and heavily fringed and the colors are most diversified. Pkt. 75c.

- 8910 Breck's Superb Giant Mixed. Including the following Giant varieties and many others not catalogued.

- 8913 Giant Crimson. A gorgeous shade of crimson.
- 8916 Giant Magnifica Blue. Large and beautifully fringed.
- 8919 Giant Pink. Delicate carmine-pink.
- 8925 Giant Queen Alexandra. Giant white flowers,  $2\frac{1}{2}$  inches across. Petals are very solid and erect.
- 8928 Giant Queen Mary. A lovely shade of flesh-pink.
- 8934 Giant Salmon. An exquisite color.
- 8937 Orange King. Orange-salmon, shaded terra cotta.

**OBCONICA GIGANTEA**

A cross between *Primula Obconica Grandiflora* and *Primula Chinensis*, resulting in a Giant type with large dark foliage and sturdy flower spikes. Pkt. 50c.

- 8960 Breck's Giant Hybrids. Vigorous-growing large flowers in a mixture of many new shades.

- 8962 Gigantea Cœrulea. Blue.
- 8964 Gigantea Eureka. Rosy carmine, shaded cerise, clear yellow eye.
- 8966 Gigantea Kermesina. Crimson.
- 8968 Gigantea Rosea. Fine rose.

**MALACOIDES**

A greatly improved type. The plants branch very freely; the flowers are borne in whorls on long stems. Grown in a greenhouse it can be had in bloom in four months from sowing.

- 8975 Alba. White. Pkt. 50c. 8981 Lilac. Pkt. 25c.
- 8984 Rosea. Pkt. 50c.

**STELLATA**

Our strain of this new and free-flowering *Primula* is unsurpassed; for cutting and pot culture they are unequalled. Pkt. 75c.

8985	Breck's Star Mixture	8988	Light Blue Star
8986	Coral Pink Star	8989	Salmon Pink Star
8987	Crimson Star	8990	White Star
8998	Kewensis. Bright yellow.	Flowers nearly 1 inch in diameter. A splendid Winter-flowering plant. Pkt. 50c.	

**REHMANNIA**

Greenhouse perennial from Central China. Erect habit, 2 to 3 feet in height with flowers 3 inches in diameter. Pkt. \$1.00.

- 9000 Angulata. Rosy purple with yellow throat.
- 9001 Angulata Pink Perfection. Bright rosy pink.

**SAINTPAULIA**

One of the most charming plants introduced in late years. Useful for greenhouse or table decoration; blooms all Winter. Pkt. 75c.

- 9005 Ionantha. Dark violet blue, golden-yellow anthers.

**SMILAX**

A handsome greenhouse climbing vine with delicate, dark green foliage; very useful for decorative purposes.

- 9010 Myrsiphyllum Asparagoides. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. \$1.00.

**SOLANUM**

Extremely beautiful plants of compact, branching habit, producing numerous brilliant berries set among ornamental green leaves.

- 9015 Capsicastrum (Jerusalem Cherry). Orange. Pkt. 15c.
- 9018 Clevelandii (Cleveland Cherry). Improved strain, this is a larger and better fruiting variety. Pkt. 25c.
- 9021 Wetherell's Hybrids. Red shades. Pkt. 15c.

**STEVIA**

Exceedingly beautiful and useful plants producing graceful sprays of tiny flowers. Largely cultivated by florists for Winter bouquets. Good for pot culture. Pkt. 15c.

- 9032 Purpurea. 9033 Serrata. White.

**STREPTOCARPUS**

A highly decorative greenhouse plant very free-flowering. The plants grow about 9 inches high and produce a great variety of trumpet-shaped flowers.

- 9040 Baroness Inverforth. Deep carmine. Pkt. \$1.00.
- 9041 Mauve Queen. Mauve with white throat. Pkt. \$1.00.
- 9042 Rose Queen. Rose with white throat. Pkt. \$1.00.
- 9043 Southgate Mauve. Mauve. Pkt. \$1.00.
- 9044 Southgate White. Pkt. \$1.00.
- 9045 Breck's New Giant Mixed. A fine selection of the best hybrids, embracing the newer and rarer shades of red and the clear-throated varieties. Pkt. 75c.

**SWAINSONIA**

Sweet-Pea-like flowers suitable for pot culture or bedding. 9050 Grandiflora. Mixed. Pkt. 50c.

**TECOMA**

A most useful greenhouse plant which blooms during the late Fall and Winter. Large heads of tubular-shaped flowers, height 18 inches.

- 9052 Smithii. Rich orange. Pkt. 50c.

**TRACHELIUM**

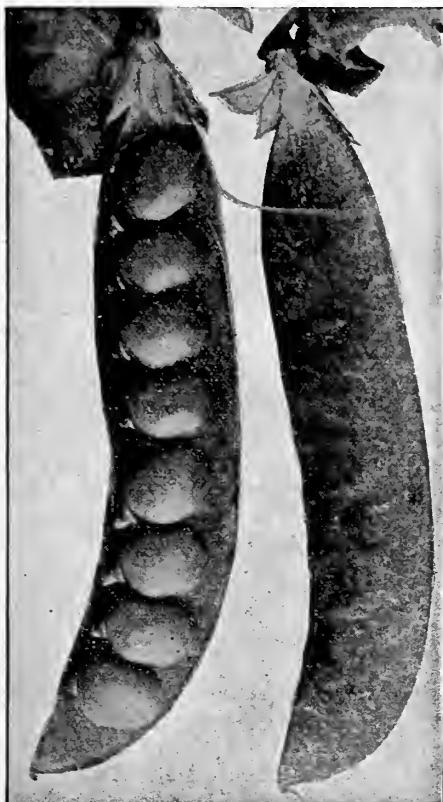
Showy blue flowers. An interesting plant for greenhouse decoration producing large feathery heads of flowers.

- 9055 Cœruleum. Blue. Pkt. 15c.

# BRECK'S VEGETABLE SPECIALTIES

## PEAS—Laxton's Progress

An improved Laxtonian type Pea introduced originally from England. Considered by most experts as the finest early dwarf wrinkled Pea on the market. It averages nine to ten peas in the pod. Vines grow about eighteen inches in height. Color dark green, most productive. 1 lb. 50c; 2 lbs. 90c; 10 lbs. \$4.00.



Peas Laxton's Progress

## BROCCOLI OR ITALIAN CAULIFLOWER

### Calabrese Green Close Heading

Although one of the most delicious vegetables it is but little grown in this country except by professional growers and the Italian Market Gardeners who have raised it in the home country. Broccoli, the close-heading type, deserves a larger place in our local garden. When better known it will prove to be a desirable addition to the vegetable list. The variety Calabrese is highly desirable because of the close-growing heads, showing very few leaves through the flower and for this reason more attractive and saleable than the rank growing, sprawling heads which we commonly see. It has taken us several years to secure and be sure of the close heading type which should be the only one grown here. Give Calabrese Broccoli the same cultivation as Cauliflower. The heads can be cut from late July until late October and are prepared for the table by boiling in the same manner as Cauliflower and serving with Hollandaise Sauce, garnished with strips of broiled Bacon. We recommend this vegetable most highly. Pkt. 50c; oz. \$2.00.

## VARIEGATED-LEAVED KALE (Borecole)

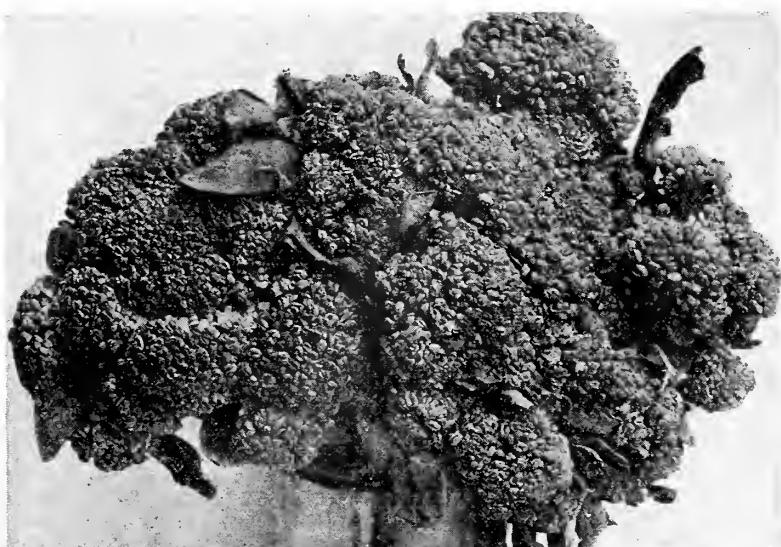
An attractive, ornamental, and yet edible plant. Cultivation is the same as for ordinary Kale. The leaves are deeply cut and curiously striped, red, white, and green. An attractive addition to the home garden, as it is highly ornamental as well as being of value for exhibition purposes. Easily grown. Pkt. 25c; oz. 75c;  $\frac{1}{4}$  lb. \$1.50.

## CELERY—Clayworth Pink Prize

The popularity of the red or pink type of Celery has increased in the last several years. The variety Clayworth Pink Prize is considered most desirable, furnishing a crop of crisp, medium sized stalks with solid hearts. Especially desirable for New England conditions. Pkt. 25c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.50.

## SWEET CORN—Golden Sunshine

This popular extra early Yellow Sweet Corn has proven a highly desirable variety for New England. The stalks grow to a height of 4 or 5 feet. The ears are usually 5 to 6 inches long with 12 to 14 rows of large kernels. While the Corn stalks are short they frequently develop two ears to each stalk. Golden Sunshine has been found to be at least ten days earlier than the best types of Golden Bantam. We recommend it for Northern New England where it has been so difficult to develop the Golden Bantam Sweet Corn in a short season. Pkt. 25c; lb. 60c; 2 lbs. \$1.00; 12 lbs. \$4.80.



Broccoli or Italian Cauliflower

## SQUASH

### Giant Summer Straightneck

In appearance and growth similar to the Giant Summer Crookneck with the exception that we have here a perfectly straight Squash, uniform in size and of a good clear golden yellow color. It develops quickly and is of good flavor. Highly prized by the market gardeners because it fits into the standard bushel box easily and makes a good shipping package. We believe it will make a desirable addition to the home vegetable garden. Pkt. 25c; oz. 75c;  $\frac{1}{4}$  lb. \$2.50.

### BRECK'S NEW ITALIAN POLE BEAN (Red Seeded Type)

Our grower of Italian Pole Beans has within the past three years developed this red seeded type which we have found to be superior to the earlier type of mottled seed. We consider the red seeded bean of better flavor and we know it to be of more rapid development. The vines will remain in bearing until late in the Autumn, frequently until killed by frost in October. The yield per pole is enormous. This red seeded type we shall keep carefully separated from the older variety and will increase our plantings until we can discontinue the mottled type so that we can offer our trade only the best of the Italian Pole varieties. Pkt. sufficient for 12 poles, 75c.

### BABY HEAD CABBAGE

We recommend it to those desiring a small cabbage for the home garden where the space is limited and where close cropping is desirable. The heads are quite small, firm, and white; can be forced under glass satisfactorily. Pkt. 15c; oz. \$1.00.

### PENN STATE BALL HEAD CABBAGE

For several years Pennsylvania State College has been working in conjunction with a well known grower of Cabbage seed in the development and improvement of the old type of Danish Ball Head Cabbage. After a long period of selection a separate strain has been established and it has been placed on the market in a limited way under the name Penn State Ball Head. We recommend this type of cabbage to all customers who desire a large, solid, heavy-yielding winter cabbage with good keeping qualities. As the stock of this strain is limited growers should secure their stock of Penn State Ball Head early in the year. Pkt. 15c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.25.

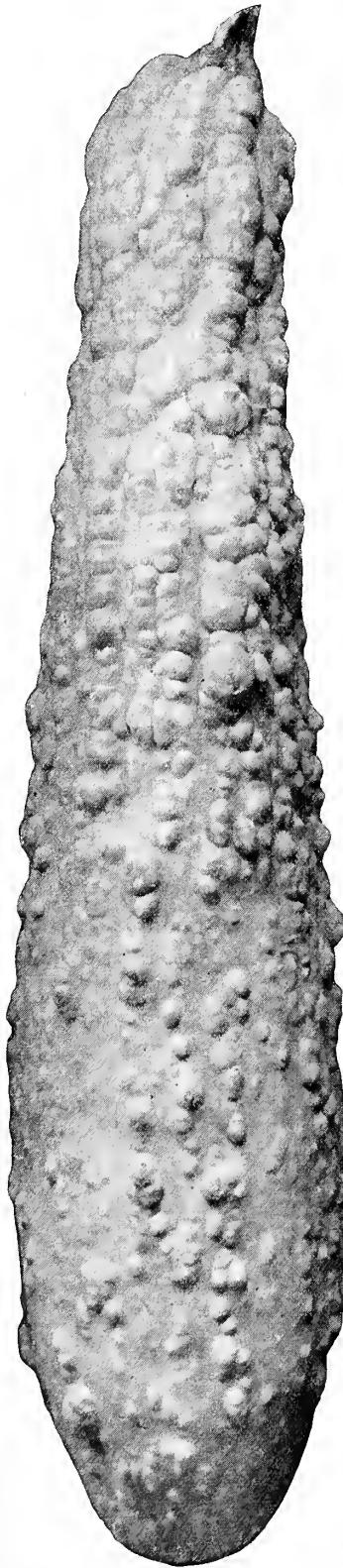
## BEANS

### Sutton's Superlative

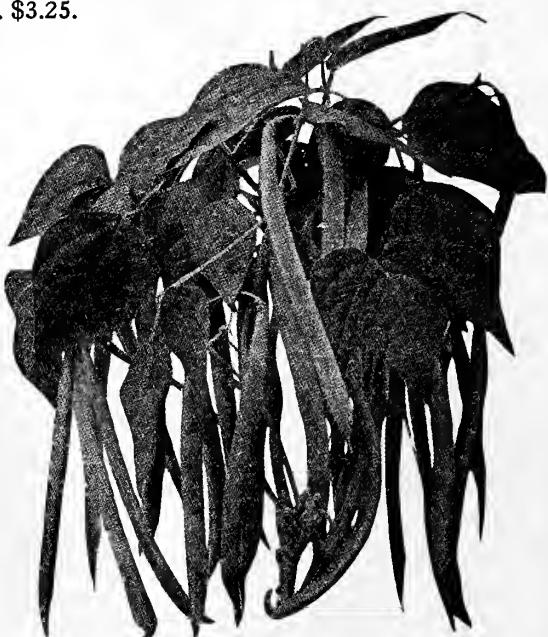
An early Dwarf small seeded Green Bean, originated in England some years ago and now grown successfully in our local gardens. The thick, fleshy pods are quite stringless up to the time of maturity and of good flavor. Desirable because of its early development, heavy yield and freedom from disease. Pkt. 50c; lb. \$1.00.

### Sutton's Premier

Considered the best type and most desirable of the Green Podded Garden Beans of English origin. Much earlier than Canadian Wonder. The green pods are broad and of extraordinary length and continue in bearing over a longer period than the Canadian Wonder. The plants develop rapidly and are clothed with dark green foliage. An enormous crop of Beans can be secured from a very small planting. A highly desirable sort for a small home garden. Pkt. 50c; lb. \$1.00.



Squash Giant  
Summer Straightneck



Beans Sutton's Premier

## GOLDEN CHAMPLAIN CANTALOUP MELON

Considered by melon growers of long experience to be one of the most desirable, quick growing and early maturing muskmelons. Many growers claim that no other muskmelon will ripen up so quickly in the Northern States. Most desirable for the home garden; always medium size, round, has salmon flesh and small seed cavity; recommended for situations where the growing season is very short and also where there is a profitable market for the extra early melons. Some growers in New England have found that this melon grows so rapidly that most of the plants escape the cutworms. Pkt. 25c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.50.

## MUSKMELON—Hale's Best

This variety originated in the Imperial Valley of California and has only recently been introduced to the Eastern market. An extra early variety of superior flavor and a good shipper. The Melons are small, flesh colored, and exceptionally thick, having a very small seed cavity. Under average conditions the Melons will grow 4 or 5 inches in diameter and 8 inches long and they are heavily netted. Desirable for the home garden. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.00.

## MUSKMELON—Bender's Surprise

A popular variety in the Middle West and now recommended for New England. Bender's Surprise is a selection from the old variety Early Surprise but the Bender's type is more oblong, grows larger, is more deeply ribbed but not quite as well netted as the old type of Surprise Melon. The Bender's type has deep firm salmon-colored flesh. The melons grow to a good size and are recommended to the commercial growers because of superior shipping and keeping qualities. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.00.

## SPINACH—Princess Juliana

Introduced from Holland about two years ago as an improved variety of Long Standing Spinach, of vigorous growth free from disease, leaves dark green, crumpled, rounded, growing in a dense compact rosette with a glossy and most attractive appearance. Our stock is seed imported direct from the originator in Holland and is highly recommended. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$1.50.



Spinach Princess Juliana



Melon Golden Champlain

## PEPPER—World Beater

One of the very finest large Peppers on the market. In shape and general appearance similar to Ruby King, but World Beater is generally broader at the top. The plants are very prolific and the Peppers are exceptionally mild in flavor. Can be eaten raw without discomfort. The fruit is light green during the early stages of growth turning later in the season to a brilliant scarlet. The fruit stands up well as a shipper and presents a most attractive appearance either on the table or in the market. A fine variety for exhibition purposes. Pkt. 25c; oz. 75c;  $\frac{1}{4}$  lb. \$2.50.

## PEPPER—Harris' Earliest

A novelty in the pepper family and a valuable acquisition to the list. The plant is of very dwarf compact growth and loaded with fruit. One grower reports as high as 18 fruits on a single plant. Usually the plants grow about 18 inches in height. The fruit is of good form, about four inches long, flavor mild and sweet. One of the largest growers of peppers in the country states that it is the earliest variety known and it is therefore especially valuable for the home garden. Pkt. 25c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.00.

## TOMATO—Early Avon

An attractive early scarlet fruited variety the equal of Earliana for earliness and of better appearance and bearing over a longer period. It is thought that Early Avon will supersede Earliana and in a very short time be the favorite early tomato, both for forcing and for outdoor culture. Pkt. 15c; oz. 60c;  $\frac{1}{4}$  lb. \$2.00.

## ONION—Marvel of Pompeii

Of Italian origin and considered at least thirty days earlier than the Barletta. It is slightly smaller than either the Barletta or Queen; clear white, uniform in size, easily grown and valuable not only as a pickling onion, but also for salads. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.

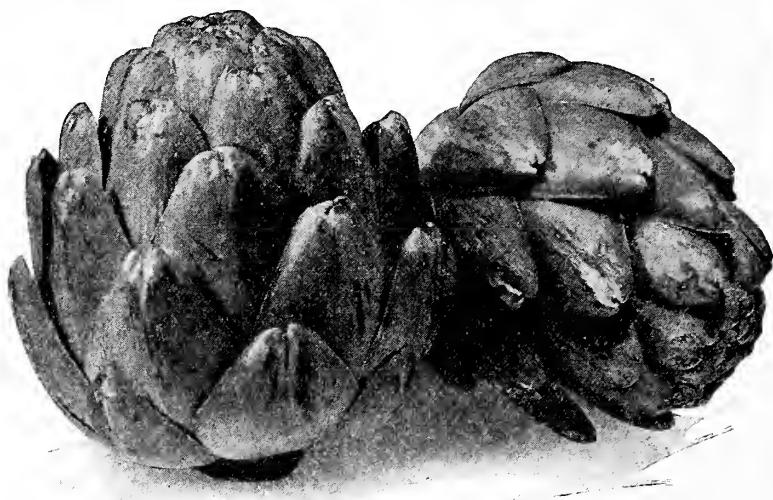
# BRECK'S VEGETABLE SEEDS

## ARTICHOKE

**CULTURAL DIRECTIONS.** The artichoke is a native of southern Europe and Northern Africa and is not dependably hardy in New England and the more northerly parts of the United States. Globe Artichokes require to be grown on a warm, very well drained and liberally manured piece of ground. From seeds started under glass in January strong plants in 4 inch pots can be secured and gradually hardened off ready to plant out towards the end of April. Allow at least 2 feet between the plants and 3 feet between the rows. Such plants will produce a very fair crop the same season but there will be much variation in the quality of the heads produced. The best plan is to mark and preserve the very best, lifting these in late Fall before freezing up weather and storing them in a cold frame or unheated cellar. In Spring plants may be carefully divided and planted out. Only in this way can we be sure of securing a first class strain of this excellent vegetable which apart from its value on the table is almost indispensable in choice collections of vegetables for exhibition. From seeds sown outdoors plants will not be of sufficient vigor to fruit the first season, for that reason it pays to start them in either a greenhouse or hotbed. One ounce of seed will sow 30 feet of drill;  $\frac{3}{4}$  lb. to the acre.

### LARGE GREEN GLOBE.

A MOST DESIRABLE VARIETY WITH BROAD, THICK, FLESHY HEADS. PKT. 25c; OZ. \$1.00.



Artichoke Large Green Globe

## JERUSALEM ARTICHOKE—*Helianthus tuberosus*

**CULTURAL DIRECTIONS.** There are both white and purple forms of this tuberous rooted member of the Sunflower family. Its use as a table vegetable is rather limited. It thrives extremely well on light sandy soil and is absolutely hardy. It is in fact liable to become a pest as no amount of freezing appears to injure the tubers. Either cooked or raw there is a moderate call for the tubers to be served cold for salading purposes. For the feeding of farm stock Jerusalem artichokes have considerable value, hogs are particularly fond of them. Plant in rows 3-4 feet apart, and allow a foot between the tubers.

JERUSALEM ARTICHOKE TUBERS, QT. 40c; PECK \$2.50.

## ASPARAGUS

**CULTURAL DIRECTIONS.** For over 2,000 years Asparagus has been cultivated in Europe. It was popular amongst both the ancient Greeks and Romans and has attained great popularity in America. While growing on almost all types of soil it is most at home in a light and rather sandy loam. If soil chances to be heavy and the ground level it is a good plan to cultivate in beds containing two rows each, raising these a few inches above the level of the ground. Where the soil is suitable and drainage good rows can run from 3-4 feet apart. It is absolutely necessary to thoroughly prepare ground for this vegetable by liberal manuring and deep ploughing, digging or trenching. Cow or stable manure where obtainable is the best to use. As an asparagus planting will last for fully 20 years if land is well prepared at the outset, and suitable care is given each year, it most assuredly pays to treat the soil liberally. Planting can be done in both Fall and Spring, but April and early May is the best period. Both one and two year old plants may be used, the first named giving the best results. Trenches should be opened out to a depth of 6-8 inches and plants laid 15-18 inches apart. The roots should be spread out and covered rather lightly with light soil and as growth advances additional filling in may be done until the trenches are entirely levelled. There is a tendency today to plant less deeply and results are apparently quite satisfactory. No shoots should be cut from plantings the first year, and it is better to defer cutting until the third season. It is customary to discontinue cutting once Peas are in season. In Spring a surfacing of nitrate of soda is helpful, also a dressing of coarse fine salt. When cutting ceases a further top-dressing of a good chemical fertilizer rich in both nitrogen and potash will be of great benefit. In late Fall after the tops have been cut down a broadcasting of stable manure will be of great value. Seeds should be sown in early Spring in drills and covered 2 inches. Seedlings are best thinned to 3 inches apart. These plants will be ideal to use the following Spring for new plantings. Plant rust-resistant varieties like Argenteuil and the Washingtons where rust is troublesome. Spraying or dusting with arsenate of lead after cutting ceases will care for the asparagus beetle. One ounce of seed will sow 60 feet of drill; 5 lbs. to the acre.

See page 83 for Asparagus Roots.

★**MARY WASHINGTON.** Considered the best selection of the Washington types. The most uniform type of the so-called rust-resistant varieties. The shoots are excellent quality, deep green color, large and uniform. Pkt. 10c; oz. 50c;  $\frac{3}{4}$  lb. \$1.50.

**Early Giant Argenteuil.** Early prolific variety. Stalks white, slightly greenish, purple at top; of French origin and most desirable. Pkt. 10c; oz. 25c;  $\frac{3}{4}$  lb. 75c.

**Medicinal Asparagus Seed.**  $\frac{3}{4}$  lb. 15c; lb. 50c.



Mary Washington

# BUSH BEANS

All Beans 25c per packet postpaid except as noted.

CULTURAL DIRECTIONS. Sowings of string beans can be made from April 19 until August 1 in the vicinity of Boston and very rarely is the first sowing injured by frost. In an experience of over 30 years, in only one year were early sowings injured. Occasionally August 1 sowings may not mature but in the case of open weather during the Autumn it pays to sow late. Use green podded varieties for the first sowings as they are somewhat hardier than the wax type and their flavor is always superior to that of the wax podded varieties. Seeds may be sown singly in drills but a much better plan is to drop several seeds in hills 18 inches apart. Seeds should be covered two inches and rows should be at least 24 inches apart and 30 inches is better. To ensure a constant succession of tender beans sowings should be made at intervals of 10-14 days. Stir the soil frequently and lightly but not when foliage is damp as working amongst them will develop rust, especially is this true of the wax podded section. Two pounds of Beans will sow 100 feet of drill; 75 lbs. to the acre.

Inoculate all Beans before planting with STIMUGERM  
Special Garden Size 25c; half bushel size 35c; bushel size 60c.

## GREEN PODDED VARIETIES

★**BURPEE'S STRINGLESS GREEN POD.** Extra early, vigorous and productive. Pods 5 inches long, round, deep green in color and perfectly stringless. Quality excellent. 1 lb. 60c; 2 lbs. \$1.00; 8 lbs. \$3.50.

★**BOUNTIFUL, OR IMPROVED LONG YELLOW SIX WEEKS.** Extra early, pods flat, 6 to 7 inches long, color light green. A distinct improvement over the old variety Long Yellow Six Weeks. 1 lb. 75c; 2 lbs. \$1.25; 8 lbs. \$5.00.

**Black Valentine.** An early, productive and profitable gardener's variety. Pods long, slender, roundish and dark green. 1 lb. 60c; 2 lbs. \$1.00; 8 lbs. \$3.50.

**Canadian Wonder.** One of the best varieties for greenhouse or frame culture. Long, green fleshy pods. Quality superb. Heavy cropper. 1 lb. 40c; 2 lbs. 75c; 8 lbs. \$2.50.

**Early Red Valentine.** One of the earliest and best. 1 lb. 60c; 2 lbs. \$1.00; 8 lbs. \$3.50.

**Giant Stringless Green Pod.** Long, round, fleshy pods; prolific and stringless. 1 lb. 60c; 2 lbs. \$1.00; 8 lbs. \$3.50.

**Low's Champion or Red Cranberry.** Pods large, green, flat, and quite stringless. 1 lb. 60c; 2 lbs. \$1.00; 8 lbs. \$3.50.

★**MASTERPIECE.** An excellent forcing variety. Prolific and pods of good quality. 1 lb. 65c; 2 lbs. \$1.00; 8 lbs. \$3.20.

**Refugee, Early.** Extra early and prolific. 1 lb. 60c; 2 lbs. \$1.00; 8 lbs. \$3.50.

**Refugee, Late or 1000 to 1.** An excellent sort for pickling. 1 lb. 60c; 2 lbs. \$1.00; 8 lbs. \$3.50.

★**SUPERLATIVE.** An excellent variety for forcing. Pkt. 50c; 1 lb. \$1.00; 2 lbs. \$1.75; 8 lbs. \$6.00.

**Triumph of the Frames.** The best variety to grow under glass. 1 lb. 65c; 2 lbs. \$1.25; 8 lbs. \$4.00.

## WAX PODDED VARIETIES

★**GOLDEN WAX IMPROVED RUST PROOF.** Early, long flat pods, quite immune from rust, stringless, the most popular variety for home garden. 1 lb. 70c; 2 lbs. \$1.25; 8 lbs. \$4.80.

**Wardwell's Kidney Wax.** Early, pods 5 to 6 inches long, flat, straight, brittle and of good quality, a good shipper and a standard variety in Massachusetts. 1 lb. 70c; 2 lbs. \$1.25; 8 lbs. \$4.80.

**New Kidney Wax.** Resembles Wardwell's Kidney Wax but more prolific, pods longer, very fleshy, stringless and of a bright yellow color. Popular with market gardeners. 1 lb. 70c; 2 lbs. \$1.25; 8 lbs. \$4.80.

**Crackerjack Wax (Webber Wax).** Plants very vigorous and productive. Pods 6 to 7 inches long, slightly curved, very meaty and of excellent quality. An excellent shipper. 1 lb. 70c; 2 lbs. \$1.25; 8 lbs. \$4.80.

For the Vegetable Garden Use  
**BRECK'S MARKET GARDEN MANURE**  
50 lb. bag \$1.75; 100 lb. bag \$3.00; per ton \$54.00



Burpee's Stringless Green Pod

**Black Wax, Pencil Pod.** Very early and productive, pods 6 to 7 inches long, round, meaty, stringless, straight, bright yellow color and of best quality. 1 lb. 70c; 2 lbs. \$1.25; 8 lbs. \$4.80.

**Black Wax, Currie's Rust Proof.** Pods flat, and of good quality; very early. 1 lb. 70c; 2 lbs. \$1.25; 8 lbs. \$4.80.

**Black Wax, Prolific.** Pods round, 5 inches long, quality good. 1 lb. 70c; 2 lbs. \$1.25; 8 lbs. \$4.80.

**Brittle Wax or Round Pod Kidney Wax.** A hardy early round-podded variety. 1 lb. 70c; 2 lbs. \$1.25; 8 lbs. \$4.80.

**Davis Kidney Wax.** The best white seeded wax bean; pods long and of good quality. 1 lb. 50c; 2 lbs. 90c; 8 lbs. \$3.25.

**Hardy Wax.** An excellent hardy home garden variety having round pods of good quality. 1 lb. 50c; 2 lbs. 90c; 8 lbs. \$3.25.

★**SURE CROP WAX.** A selection of Currie's Rust Proof Wax, but being more prolific, hardier, and not as stringy as this sort. 1 lb. 75c; 2 lbs. \$1.40; 8 lbs. \$5.00.



## BEANS

### DWARF SHELL VARIETIES

**BRECK'S TEWKSBURY DWARF HORTICULTURAL.** Pods large, green, deeply splashed with carmine. Plants very prolific, distinctly dwarf and vigorous. One of the most popular shell beans on the Boston Market. 1 lb. 60c; 2 lbs. \$1.00; 8 lbs. \$3.50.

**DWARF HORTICULTURAL.** A good variety for the home and market garden. 1 lb. 60c; 2 lbs. \$1.00; 8 lbs. \$3.50.

**Goddard or Boston Favorite.** A late variety. 1 lb. 60c; 2 lbs. \$1.00; 8 lbs. \$3.50.

**Kidney, Red.** An excellent shell and baking bean. 1 lb. 35c; 2 lbs. 60c; 8 lbs. \$2.25.

**Prolific Tree Pea Bean.** A very small white bean popular for baking. 1 lb. 25c; 2 lbs. 40c; 8 lbs. \$1.50.

**Yellow Eye Improved.** A popular baking bean. 1 lb. 30c; 2 lbs. 50c; 8 lbs. \$1.75.

**BRECK'S "WONDER OF FRANCE" OR GREEN FLAGEOLET.** We recommend this bean without qualification as a dwarf shell variety of the highest quality and worthy of a place

in every private garden. Flageolet Beans are grown universally in France and are relished by the greatest connoisseurs. We have field-tested this bean and find that it is admirably suited to growing in this country. It is free from disease and produces a tremendous crop of small succulent shell beans. 1 lb. 65c; 2 lbs. \$1.25.

### ENGLISH VARIETIES

**CULTURAL DIRECTIONS.** These beans, which are very popular and largely cultivated abroad, are very much hardier than all other varieties of the bean family and to succeed best with them sowings should be made just as early in the Spring as the ground has dried and is workable. Seeds should be sown in drills 4 to 5 inches deep and single seeds spaced 5 to 6 inches apart. Pinch tops out when a goodly number of pods are formed. It is very necessary to watch plants closely about the flowering time as black fly invariably attacks these beans and sprayings with Evergreen or any nicotine solution are essential to the well being of the plants. If this is neglected the crop is sure to be a failure.

**BROAD WINDSOR.** A variety held in high esteem in England where it is grown extensively. Large green pods, handsome and containing beans of superior quality. 1 lb. 40c; 2 lbs. 65c; 8 lbs. \$2.40.

## LIMA BEANS

### DWARF VARIETIES

**CULTURAL DIRECTIONS.** These popular beans are much more delicate than the other shell beans like Horticultural. The small Henderson Lima is much the hardiest of this section and may safely be sown from May 18-25, the larger podded varieties near Boston cannot safely be sown before the first week in June. Frequently sowings made even in late May will rot if we get a cold rainstorm soon after sowing. Hills give better results than drills with all the Limas although single seeds 8-10 inches apart will give splendid crops. Two pounds of Beans will sow 150 feet of drill; 75 lbs. to the acre.

**FORDHOOK BUSH.** Pods about 5 inches long, contain 4 to 5 large thick seeds. Plants hardy and prolific. An excellent market garden and home garden sort. Pkt. 35c; 1 lb. 75c; 2 lbs. \$1.25; 8 lbs. \$5.00.

**Burpee's Improved Bush.** A true bush type of the large Lima. 1 lb. 60c; 2 lbs. \$1.00; 8 lbs. \$3.50.

**Dreer's Bush.** A dwarf bush sort of Dreer's Improved Pole. 1 lb. 60c; 2 lbs. \$1.00; 8 lbs. \$3.50.

**Henderson's Bush.** The popular baby Lima. Pods small, plants very prolific. Recommended to those who prefer the small seeded types of Limas. 1 lb. 30c; 2 lbs. 55c; 8 lbs. \$2.00.



Beverly Farms, Mass.

Sept. 18, 1928.

Jos. Breck & Sons,  
Boston, Mass.

Dear Sirs:

Your seeds as usual have given the best results possible this season.

For the past twenty years Breck's vegetable seeds and Breck's only have been used in the garden here so that you can readily know they have given genuine and complete satisfaction.

Flower seeds, bulbs, and plants also purchased during the same period have always yielded the best returns.

Yours truly,

Thomas R. Jack,  
Gard. for Mrs. Allen Curtis

Beans Breck's  
Tewksbury  
Horticultural

# POLE BEANS

## GREEN PODDED VARIETIES

All Beans 25c per packet postpaid except as noted.

**CULTURAL DIRECTIONS.** It is best to place poles in position before sowing seeds of any of the climbing beans. Seeding should be done later than in the case of dwarf string beans, and the Lima section are better not sown before early June. Use 6 to 8 seeds to a hill well spread apart. If sown more heavily thinning should be done. In heavy soil it is an excellent plan to slightly raise the ground for the seeds around each pole. Varieties other than Limas may be sown 10 to 14 days earlier. That popular variety Kentucky Wonder may be sown by the middle of May also the Scarlet Runner varieties. Two pounds of Limas will plant 100 hills, two pounds of the smaller seeded sorts about 200 hills; 30 lbs. to the acre.

★**KENTUCKY WONDER OR OLD HOMESTEAD.** A very prolific, long, green podded sort. The standard green pole bean. 1 lb. 40c; 2 lbs. 60c; 8 lbs. \$2.25.

★**NEW ITALIAN POLE.** A green podded, pole string bean, slightly streaked with purple. An enormous cropper. Beans of excellent quality and flavor, absolutely stringless, and remaining in good condition on the poles for 10 days or more. Packet sufficient for 12 Poles. 50c; per lb. \$1.00; 2 lbs. \$1.85.

**Horticultural Pole or Cranberry.** Large green pods speckled with carmine. 1 lb. 35c; 2 lbs. 60c; 8 lbs. \$2.25.

**Lazy Wife.** Long pods, beans white, prolific. 1 lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75.

**Scarlet Runner.** Used in the United States primarily as an ornamental climber because of its bright scarlet flowers. 1 lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75.

**White Dutch Runner.** Same as the Scarlet Runner except that the flowers are white. 1 lb. 50c; 2 lbs. 85c; 8 lbs. \$3.25.

## WAX PODDED VARIETIES

★**KENTUCKY WONDER WAX.** Similar to the green podded Kentucky Wonder except the pods are of a light yellow color. 1 lb. 50c; 2 lbs. 85c; 8 lbs. \$3.25.

**Golden Cluster.** Early, vigorous, hardy and very productive. Pods large, straight, flat and a rich golden color. Beans white. 1 lb. 50c; 2 lbs. 85c; 8 lbs. \$3.25.

## POLE LIMA BEANS

★**GIANT PODDED.** Plants very vigorous, prolific, pods very large, 6 to 7 inches; beans large and of excellent quality. One of the best Pole Limas. 1 lb. 65c; 2 lbs. \$1.00; 8 lbs. \$3.75.

**Dreer's Improved or Challenger.** Round, very thick beans, productive. 1 lb. 50c; 2 lbs. 90c; 8 lbs. \$3.50.

**Seiva or Small.** Earlier and harder than the large lima. 1 lb. 50c; 2 lbs. 85c; 8 lbs. \$3.00.

## MANGEL-WURZEL AND SUGAR BEETS

All kinds sold in 5 pound lots at 70 cents per pound and in 10 pound lots at 65 cents per pound.

**CULTURAL DIRECTIONS.** Both Mangel-Wurzels and Sugar Beets are a very valuable crop for the dairyman and poultryman. The latter are greatly used abroad for sugar production but they are also splendid feeds for birds as well as for animals. In Europe Mangel Wurzels find a place on every farm and their culture is on a tremendous scale. A greater quantity might well be produced here. Both plants require deeply ploughed and well enriched soil

for best results. Seed should be sown as soon as weather becomes settled, in rows 2 to 3 feet apart. Seedlings must be thinned out to stand no closer than 10 inches apart. The roots require an entire season to develop and often attain a great size. The long varieties like Mammoth Long Red, give the heaviest yields. One ounce will sow 50 feet of drill. Six to eight pounds of seed are required per acre.

**Klein's Wanzeleben.** One of the most popular of the Sugar Beets and has been grown in this section for many years. Oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.00.

**Red Globe.** Similar to Yellow Globe, except in color. Oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. 75c.

★**SLUDSTRUP BARRES.** The Giant Mangel-Wurzel. The seed we offer is Danish grown and Sludstrup has been repeatedly awarded the highest honors in Danish Agricultural Exhibitions. While the roots do not grow to as great a length as Mammoth Long Red, the growth is more above ground, thicker and heavier, frequently weighing 15 pounds and more; color, reddish yellow. A most desirable stock feed. Oz. 10c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

**Champion Yellow Globe.** Grows in shallow soils. Oz. 10c;

$\frac{1}{4}$  lb. 30c; lb. 75c.

**Giant Half Sugar Mangel.** Highly recommended for stock feeding. The skin is bright rose above the ground and white below. Flesh white, sometimes tinged with rose. Under good cultivation, roots grow half out of the ground. Oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.00.

**Golden Tankard.** A half-long variety of bright yellow color. Oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. 75c.

New England Farmers and Dairymen will do well to increase their plantings of Mangels and Sugar Beets as this crop is a very economical one. In England, Scotland, Holland and Denmark where Corn for silage or grain is unknown and where other grain feeds are available only in limited quantities, Mangels and Sugar Beets have come to be a most valuable crop for stock feeding. The New England farmer can learn a lesson from this inasmuch as these European countries produce the very best of cattle for beef and dairy purposes. New England should grow larger quantities of Mangels and Sugar Beets as the land may be readily adapted to the production of a large tonnage at low cost. Poultrymen also have found Sugar Beets and Mangels a valuable crop. For maintaining the health and vitality of their flock of sheep, Sheep Raisers have found these roots a much relished winter feed. The Fertilizer we recommend for these root crops is Bradley's Complete Manure 10% Potash. For prices and descriptions see page 159.



Fordhook Bush Lima

# BEETS

**CULTURAL DIRECTIONS.** A light rich soil is essential to the production of good beets. Fresh manure should be avoided or the roots will be very scabby. Old well decayed manure and a fertilizer rich in potash are ideal for beets. The first sowing outdoors can be made just as soon as the soil has dried sufficiently. Beets love a cool soil and temperatures a few degrees below freezing will not harm them. Seeds should be sown thinly and covered 1 inch. Rows may be run as close as 15 inches apart where intensive cropping is practiced. Successive sowings can be made until late July; roots will continue to develop until the end of October. Where very early beets are desired sowings may be made in frames and by this method a month will be gained by allowing them to develop under glass. Seedlings can also be pricked outdoors about the end of April, heading the leaves back at planting time. These will come into season well in advance of the outdoor sown crop. One ounce of seed will sow 50 feet of drill; 6 lbs. to the acre.

**Crosby's Egyptian.** Early as original type, but thicker, smoother, and of better quality. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 75c; lb. \$2.00.

**Dewing's Early Blood.** Medium early sort, good keeper, large size; an old time favorite. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

**Edmands.** A popular late turnip-shaped beet, smooth and of good size, good keeper, small top, flesh red. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 45c; lb. \$1.25.

**•CROSBY'S EGYPTIAN—BRECK'S ARLINGTON STRAIN.** The outstanding early beet, small top, roots very uniform in shape, size and color. Quality excellent. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50; lb. \$4.00.

**•EARLY WONDER.** Early, having a small top and therefore an excellent beet for bunching. Roots somewhat tap shaped, uniform color and good quality. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 85c; lb. \$2.50.

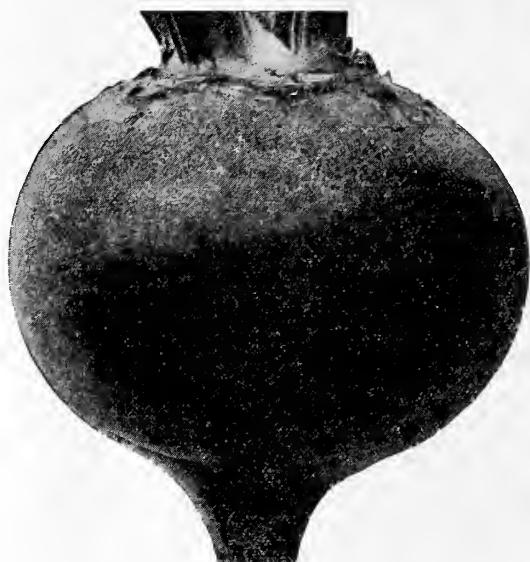
**•BARKER'S STRAIN EDMANDS.** A superior strain of Edmand's Blood beet, of splendid shape, uniform in size and color. Flesh is exquisitely tender and free from woody characteristics. Color, very deep crimson, zoned in a beautiful manner making it very attractive when sliced for the table. Can be sown as late as July 20 with good results. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 85c; lb. \$3.00.

**Detroit Dark Red.** Roots are very smooth, globular and of a very dark red color. Tops small and reddish green. An excellent main crop and canning beet. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.00.

**•BRECK'S BEATS ALL.** Generally considered the best all around early or main crop beet for the home garden and general planting. Frequently used as a bunching beet if pulled before maturity. The tops are small, upright in growth, leaves dark green shaded with red, color uniformly deep red; flesh when cut vermillion red zoned with a slightly lighter shade of same color. The roots grow to medium size, quite globular, small tap root. This variety has been grown in the New England gardens for more than thirty years with increasing popularity. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.00.

**Egyptian.** Early, small top, roots very flat and of good quality. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 55c; lb. \$1.50.

**Beets for Greens.** 1 oz. pkt. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.



Beet Early Wonder

## BROCCOLI

**CULTURAL DIRECTIONS.** This Vegetable is very similar in habit to the Cauliflower. This useful vegetable is often referred to as the hardy Cauliflower. It thrives under the same conditions which will produce good Cauliflowers. In Europe Broccoli is in season from Autumn until early Summer, there being Autumn, Winter and Spring types. In America its true merits are just being recognized. In addition to the white flowered types there are others producing green heads which are popular on the European continent. These are meeting with much favor here. Seeds of the various flowering Broccoli should be sown about the middle of May and treated like Cauliflowers. Plants lifted before weather becomes too severe can be planted on the floor of a cool but frost-proof cellar where immature heads will develop. One ounce of seed will produce about 1500 plants; 8 oz. to the acre.

**•ITALIAN GREEN SPROUTING.** Very much prized by Italian gardeners. The head is a compact cluster of flower buds which are bluish green in color. When the main head is cut the side branches produce small compact flower clusters. Grows very vigorously in Massachusetts. Pkt. 50c; oz. \$2.00.

**Early Purple Cape.** Very hardy; heads medium in size and compact. Pkt. 25c; oz. \$1.00.

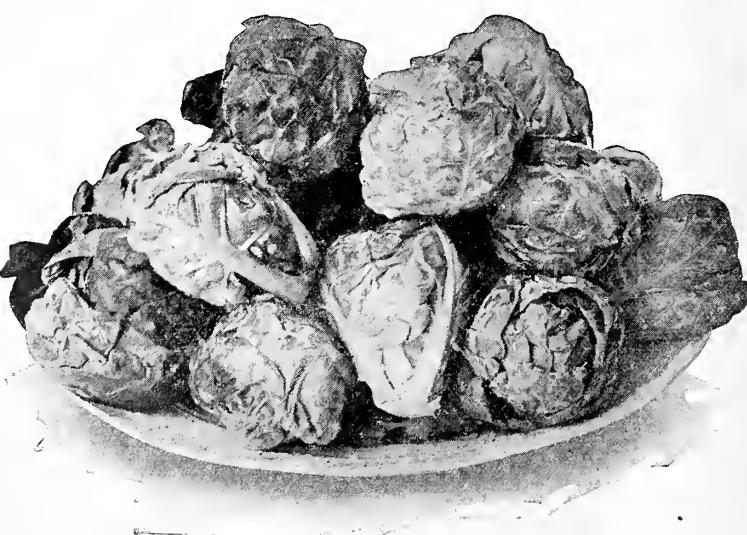
**White Cape.** Like purple Cape, but of creamy white color. Pkt. 25c; oz. \$1.00.

## BRUSSELS SPROUTS

**CULTURAL DIRECTIONS.** Brussels Sprouts represent one of the most interesting varieties in the Cabbage family. While young they closely resemble common Cabbage but as they develop their long stems, small sprouts like miniature Cabbages are thickly clustered round them. Seeds should be sown under glass in March, or not later than April 20 outdoors for best results. Late sowings will not produce plants carrying the solid sprouts so much desired. Plant out on rich land and allow a yard between the rows and as much between the plants. Planted more closely sprouts will develop poorly. In late summer break off the lower leaves, this allows the heads to develop better and permits the easier removal of them when sufficiently hard. In order to secure the best quality of Brussels Sprouts it is all important to secure the very best strains of seed. Brussels Sprouts are very hardy and withstand quite severe frost. One ounce of seed produces about 1500 plants; 8 oz. to the acre.

**•LONG ISLAND MAMMOTH.** Seed of the highest selection. A very dependable variety. Sprouts thickly set, solid, good size. Pkt. 50c; oz. \$2.00;  $\frac{1}{4}$  lb. \$6.50.

**Improved Paris Market.** A reliable variety for general use. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.



Brussels Sprouts Long Island Mammoth

# CABBAGE

**CULTURAL DIRECTIONS.** Cabbage is one of the most valuable of all our vegetable crops. To attain a maximum of success it is needful to give them a deep rich and well drained soil. If the soil is at all wet or in a sour condition plants will speedily develop club root. For an early crop seeds should be sown under glass in January or February and seedlings should be gradually hardened off and planted out after the middle of April. For the winter crop May 10 to 25 is a suitable time to make sowings. Plants should be transplanted not later than the middle of July. The winter varieties need more space for their proper development than the early ones, and rows should be 30 to 36 inches apart and plants 24 inches apart in the rows. The Drumhead Cabbages require more space than such varieties as Ballhead and Stonehead. Both Red and Savoy Cabbages demand much the same treatment as late or winter white Cabbages. One ounce of seed should produce about 2500 plants; 5 oz. to the acre.

For Cabbage Plants see Page 83.

## EARLY VARIETIES

④ **Copenhagen Market.** An excellent standard early sort. Heads medium large, round, solid and very uniform. Pkt. 10c;  $\frac{1}{2}$  oz. 35c; 1 oz. 60c;  $\frac{1}{4}$  lb. \$2.00.

**Baby Head.** Plants compact, heads small, very solid and do not crack very readily. Excellent for the home garden. Pkt. 15c;  $\frac{1}{2}$  oz. 40c; 1 oz. 75c;  $\frac{1}{4}$  lb. \$3.00.

**Early Jersey Wakefield.** Very early, heads cone shaped, solid and good quality. Pkt. 10c;  $\frac{1}{2}$  oz. 20c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.25.

④ **GOLDEN ACRE.** An extra early selection of Copenhagen Market. Plants small, compact, heads medium size, very solid and very uniform. Quality excellent. Two weeks earlier than Copenhagen Market. Pkt. 25c;  $\frac{1}{2}$  oz. 40c; 1 oz. 75c;  $\frac{1}{4}$  lb. \$3.00.

### EVERGREEN

A non-poisonous insecticide safe to use, and very effective in controlling attacks of cabbage worms or lice. One ounce of Evergreen will make one gallon of powerful spray. 1 oz. bottle, 35c; 6 oz. bottle, \$1.00; 16 oz. bottle, \$2.00; 32 oz. bottle, \$3.50.

Special circular giving detailed information mailed on request.



Cabbage Copenhagen Market

## SECOND EARLY VARIETIES

**Henderson's Early Summer.** Heads large, round flattened, about 10 days later than Golden Acre. Pkt. 10c;  $\frac{1}{2}$  oz. 20c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.25.

**Succession.** An excellent late summer variety. Heads large, flattened and solid. Pkt. 10c;  $\frac{1}{2}$  oz. 20c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.25.

④ **Glory of Enkhuizen.** Heads large, round and very solid. Pkt. 10c;  $\frac{1}{2}$  oz. 20c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.25.

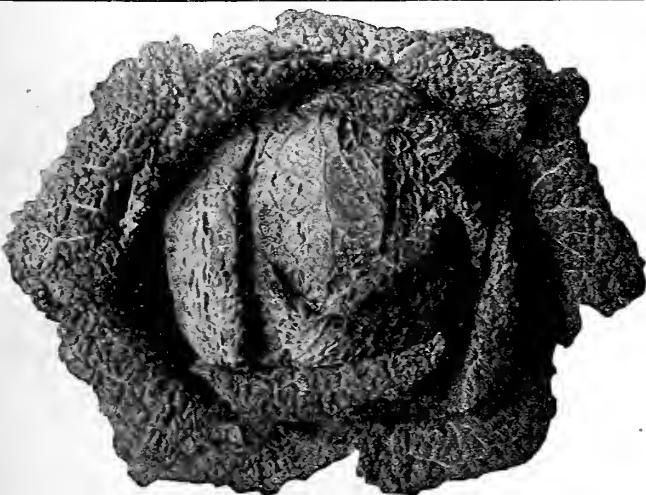
## LATE VARIETIES

④ **DANISH BALL HEAD.** The outstanding Winter Cabbage, very hardy; heads large, very solid and of excellent quality. Pkt. 10c;  $\frac{1}{2}$  oz. 20c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.25.

④ **WARREN'S STONE MASON.** Breck's Private Stock. Heads large, flattened, solid and excellent quality. This is a decided improvement over the old Stone Mason. Pkt. 25c;  $\frac{1}{2}$  oz. 85c; 1 oz. \$1.50;  $\frac{1}{4}$  lb. \$5.00.

**Penn. State Ball Head.** A selection of the Danish Ball Head developed at the Pennsylvania State College. Heads large and solid. Pkt. 15c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.25.

**Premium Drumhead.** A standard large, flat variety, for the main crop. Pkt. 10c;  $\frac{1}{2}$  oz. 20c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.25.

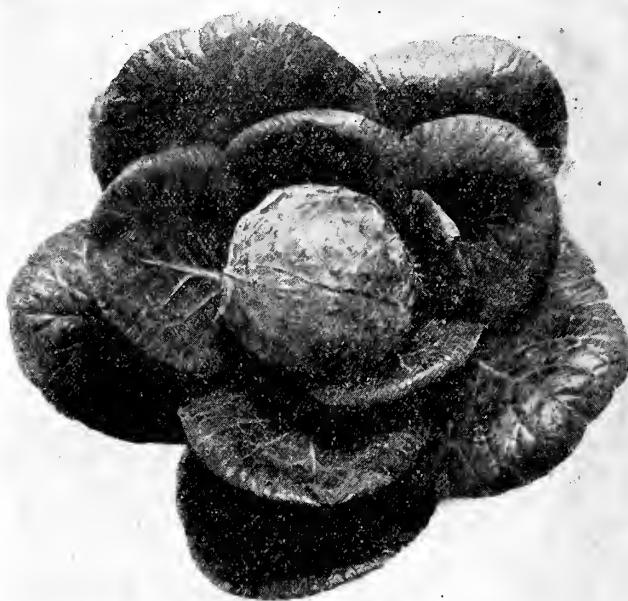


Breck's Winchester Savoy

## SAVOY VARIETIES

④ **BRECK'S WINCHESTER SAVOY.** The market gardener's favorite. Seed we offer was obtained after many years careful selection from only the best heads. Seed planted as late as June 20 will mature about the middle of October. Heads large, of splendid shape, fine flavor, and as a keeper for winter use it is unsurpassed. Pkt. 15c;  $\frac{1}{2}$  oz. 40c; 1 oz. 75c;  $\frac{1}{4}$  lb. \$2.50.

**Improved American Savoy.** Large, late, crumpled leaf, good keeper. Pkt. 10c;  $\frac{1}{2}$  oz. 20c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.50.



Cabbage Golden Acre

## CABBAGE (Continued)

### RED VARIETIES

EXTRA EARLY HACO. The earliest of all Red Cabbage of Danish introduction; seed from Denmark. Always an attractive and profitable vegetable. Planted in April, ready for use in midsummer. Heads medium size, solid, rock-like, delicious flavor, dark red. Pkt. 10c;  $\frac{1}{2}$  oz. 35c; oz. 60c.

Red Dutch. Fine solid, dark red heads, medium early. Pkt. 10c;  $\frac{1}{2}$  oz. 20c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.25.

Red Rock. Late, heads large, round, very solid and deep, purplish red. An excellent keeper. Pkt. 10c;  $\frac{1}{2}$  oz. 20c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.25.

Peconic Red. Large, solid, red variety, grown largely by the Long Island market gardeners. Pkt. 10c;  $\frac{1}{2}$  oz. 40c; 1 oz. 75c;  $\frac{1}{4}$  lb. \$2.50.

### CHINESE CABBAGE

CULTURAL DIRECTIONS. The Chinese Cabbage more nearly resembles a lettuce than a cabbage. It should not be sown early as plants will run to seed. If started after the middle of May and until late June nice heads will be produced. Heads are usually tied together in order to blanche the inside leaves.

Pe-Tsai. The young leaves are crumpled, light green. Mature head elongated, solid with a creamy yellow center. An excellent sort. Pkt. 10c;  $\frac{1}{2}$  oz. 20c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.50.

Chosen. Heads similar to Pe-Tsai, except that they are more compact. Very solid. Pkt. 10c;  $\frac{1}{2}$  oz. 20c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.50.

## CARROTS

CULTURAL DIRECTIONS. The short stump rooted Early French horn type of Carrot is the best for forcing in Frames and for a very early outdoor crop. Seeds may be sown thinly in drills and covered quite lightly. Thick sowing will mean much extra labor in thinning. The rows of early Carrots can go as close as a foot apart, but later varieties such as Oxheart and Chantenay should have 18 inches, or even more. The ideal soil for the production of clean, smooth carrots is a light, sandy loam which has been well enriched

One ounce will sow 100 feet of drill; 4 lbs. to the acre.

BRECK'S MARKET GARDEN DANVERS HALF-LONG. A special stock obtained after many years' work in selecting and growing the most desirable strain of stump-rooted, deep orange Half-Long type. Our market garden trade throughout New England has found this type of carrot a most profitable sort and it is one of the most desirable for the home gardener. Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.00.

Chantenay. A medium early type similar to Danvers Half-Long. Color orange-red but of a slightly lighter shade than the Danvers Half-Long. The mature roots are thick, 5 to 6 inches in length, stump-rooted, tapering slightly. The flesh is crisp and tender, roots are suitable for "bunching Carrots," and market gardeners use this variety extensively for this purpose. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.00.

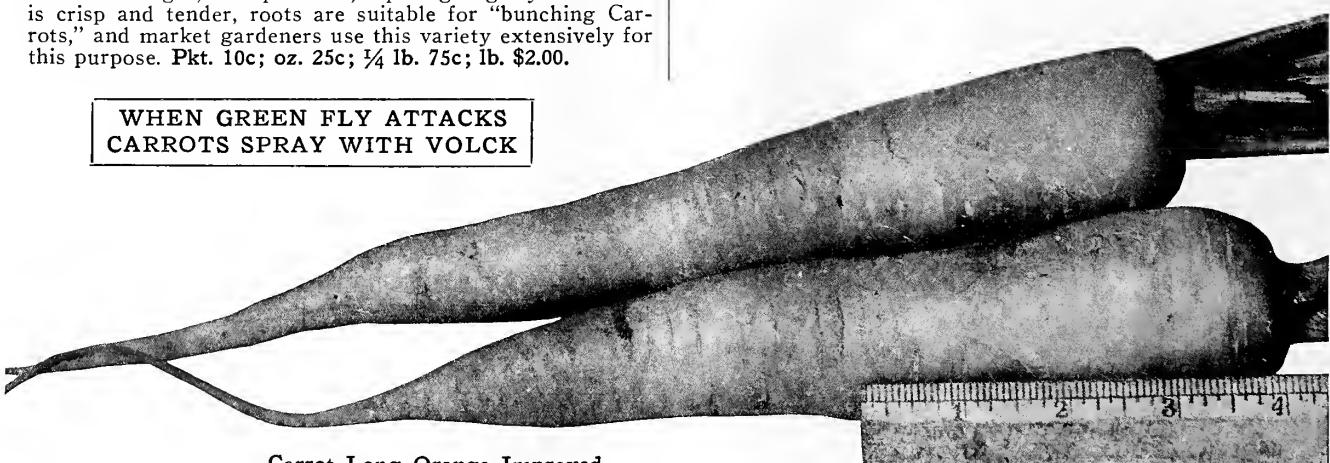
for an earlier crop. Rank fresh manure should never be used. The first outdoor sowing can be made early in April and the main winter seeding should be made during May. Sowings of the short stump rooted varieties can be continued until quite late in July in the latitude of Boston. In order to prevent the tops of the carrots from becoming green by exposure to the air, sufficient soil should be pulled up around them to cover the roots. This gives much more attractive roots and for exhibition purposes is necessary.

Danvers Half-Long. The common type of pointed Danvers. Roots 6 to 8 inches long, tapering to a point. Color deep orange. The old standard type of Carrot for the home gardener. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c; lb. \$1.50.

Early Scarlet Forcing. The earliest and shortest of all Carrots. Color orange-red; very small tops. The variety generally used for forcing under glass, usually pulled when 3 to 3½ inches long. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.00.

Early Scarlet Horn. Roots 2½ to 3 inches long. Color orange; tops small; an excellent small early Carrot. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.00.

WHEN GREEN FLY ATTACKS  
CARROTS SPRAY WITH VOLCK



Carrot Long Orange Improved

**Guerande or Oxheart.** Stump-rooted; about 5 inches long; color bright orange, small top with little foliage. A good table carrot. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.00.

**Large Yellow.** Large, intermediate, stump-rooted, cylindrical, about 8 inches long. Flesh and skin clear yellow. Good for the kitchen as well as for feeding farm animals. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

**Large White.** One of the best Carrots for feeding Cattle, horses and other farm stock. Roots about 16 inches long, thick, blunt, growing about one quarter out of the ground, top green, flesh white throughout. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

**Long Orange.** A hardy, good-keeping variety about 20 inches long; pointed, color pale orange under ground, quite green above ground. Used both for the table and for stock feed. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$1.75.

•**BRECK'S HUTCHINSON.** Considered by local market gardeners the best strain of Carrot. Hutchinson is a selection of the well-known Danvers and commands a higher price on the Boston Market. For this reason, it is most difficult to secure a satisfactory stock of seed for the local demand, as growers prefer to market their roots and not



Carrot Chantenay

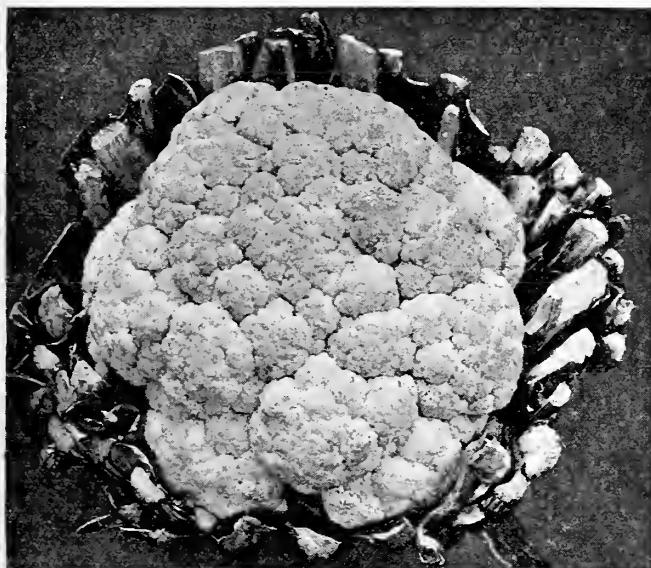
undertake the risk attendant upon producing seed under New England conditions. Hutchinson's Strain is from 2 to 3 inches longer than Danvers and holds its "fullness" well down to the tip. It is a blunt-pointed carrot always. In color it is slightly darker than the Danvers. Yield enormous. Pkt. 10c; oz. 60c;  $\frac{1}{4}$  lb. \$2.25.

## CAULIFLOWER

**CULTURAL DIRECTIONS.** This delicious vegetable demands a rich soil like Cabbage, and if the soil is well drained it will thrive in soil which is moist during the summer. For an early crop seeds can be started under glass in January and the seedlings planted in frames which contain a good bed of manure below the soil. Grown in this way splendid heads can be produced in May and early June if an abundance of water is given. Plants for field culture should go out a little later than Cabbages, as Cauliflowers are somewhat less hardy. As a rule the early outdoor plantings are at best but partially suc-

cessful. Much better heads are obtained from sowings which are made in the open from May 20 to June 1. When transplanting the seedlings, allow 24 inches between the plants and run rows a yard apart. To preserve the pure white heads, which are so much appreciated, plantings should be gone over twice a week and the leaves tied together on all plants which are developing their heads. Sometimes leaves are broken over the heads, but tying the leaves together makes a more complete protection. One ounce of seed should produce about 2500 plants; 5 oz. to the acre.

For Cauliflower Plants see Page 83.



Cauliflower Breck's White Bouquet

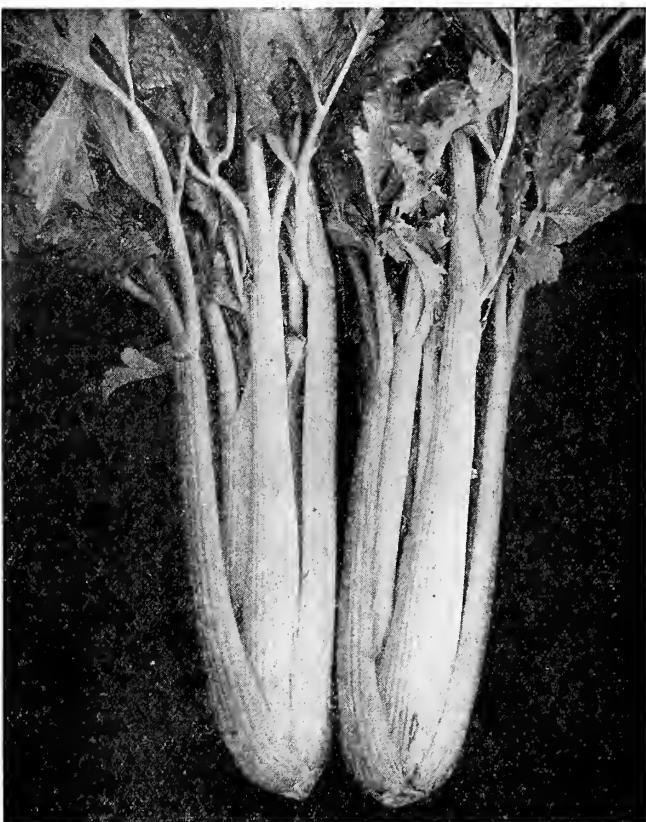
•**BRECK'S WHITE BOUQUET.** For early or for main crop, those who have grown it, private and market gardeners alike, agree that Breck's White Bouquet Cauliflower has no peer. It will head when other varieties fail; moreover, it is a strain well adapted to forcing under glass during Winter and Spring. The plants are comparatively short stemmed, have small leaves, and produce medium to large close-grained, snowy-white heads, of the finest quality. We feel confident that no better strain has ever been developed, and that it is the earliest and most reliable variety for New England. Pkt. 25c;  $\frac{1}{2}$  oz. \$3.00; oz. \$5.00;  $\frac{1}{4}$  lb. \$12.00.

**Early Snowball.** Very early, medium sized plant, heads very compact, solid and white. Plants head in a very uniform manner. An outstanding Spring and Autumn sort. Pkt. 25c; oz. \$5.00;  $\frac{1}{4}$  lb. \$12.00.

**Earliest Dwarf Erfurt.** Plants very compact and the heads uniform, compact, medium sized and white. Pkt. 25c; oz. \$5.00;  $\frac{1}{4}$  lb. \$12.00.

**Early Short Leaved Snowball.** A week earlier than Dwarf Erfurt, a sure header. Recommended for greenhouse forcing. Heads large, white and solid. Danish-grown by the same grower who developed our strain of White Bouquet Cauliflower. Pkt. 25c; oz. \$5.00;  $\frac{1}{4}$  lb. \$12.00.

**Veitch's Autumn Giant.** A desirable large, late variety. Pkt. 15c; oz. \$1.00;  $\frac{1}{4}$  lb. \$2.50.



Celery Breck's Golden Self Blanching

**BRECK'S EASY BLANCHING** Arlington Strain. A most carefully selected Arlington-grown stock of the well-known Easy Blanching, which will bleach as quickly as White Plume or Golden Self-Blanching. Almost blight proof. Quality good, keeping qualities excellent if stored quite green. Pkt. 15c; oz. \$1.50;  $\frac{1}{4}$  lb. \$5.00.

**Golden Plume or Wonderful.** Very early, hardy, vigorous, full hearted and of excellent quality. Unexcelled for the home or market garden. Stalks medium in size, meaty and blanch to a very beautiful creamy white. Pkt. 10c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.50.

**Breck's Golden Self Blanching.** The variety most extensively grown in all sections of the country for all purposes, by both market and private gardeners. The plants are compact with abundant foliage, short, thick stems and large, solid hearts. The stalks, which are rich in flavor, tender, crisp and brittle, may be blanched readily to a beautiful creamy white. Our selected strain of this splendid variety is a favorite among commercial growers in this locality. Pkt. 15c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.00.

## CELERIAC

**CULTURAL DIRECTIONS.** Celeriac is not very much grown in America but it is very much prized in Europe. It is commonly referred to as the "Turnip Rooted Celery." Seeds must be started early in Spring in light rather rich soil. Germination is rather slow as compared with celery. When seedlings are three inches high transplant into flats, or a frame, and later transfer to permanent quarters, allowing 8 to 9 inches between the plants. Soil must be rich as with celery and in dry weather waterings will prove very beneficial. Roots may be protected and kept outdoors, but a better plan is to store them in moist sand in a cool cellar. Celeriac is used for flavoring soups. It can also be cooked and served with a white sauce or boiled and allowed to cool. It then may be sliced and used as a salad with oil and vinegar.

**Large Prague.** Roots large, turnip shaped. Plants vigorous and hardy. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.

## CELERY

**CULTURAL DIRECTIONS.** The celery crop in America is an extremely important and valuable one. To successfully grow this plant heavily manured land is most essential. At one time the European plan of growing in trenches was followed and is still practised on many Private Estates. Just as good results may be attained by level culture which is practised commercially. There are grave dangers in the trench system, especially where the soil is very heavy for torrential rainstorms in Summer will cause water to lie in the trenches and this will ruin the plants if the storm is followed by a period of strong sunshine. Sowings before late February will result in many plants bolting to seed, especially if a moist spell should follow a very dry one. Therefore in late February sowings of Easy Blanching and other early varieties should be made, pricking seedlings out into flats of rich soil, for planting out with the advent of settled weather. The main crop for winter use should be sown in a frame, or even outdoors in May. If seed is planted outdoors it should be where the seed bed can be regularly watered. Water is very essential to the production of good Celery plants. The winter varieties should be planted out during July, preferably the early portion of that month, but very good success may be secured by planting as late as the first half of August. Amateurs find it convenient to grow celery in double rows spaced 18 inches apart with the plants set 8 inches apart in the rows. Under field culture single rows are preferred. Constant cultivation and spraying to prevent blight are two necessary factors. The early varieties are best blanched by means of boards 12 to 15 inches high which are set on edge on either side of the rows and held in position by occasional cross sticks or by driving short stakes on the outer sides of them. Very much cleaner looking celery is secured from board blanching although it lacks the sweetness and nuttiness of that banked later with soil. It is unwise to bank soil about plants during very hot weather. This will often induce rot and in moist weather worms will tend to discolor the stalks. With the advent of cool weather banking should proceed at intervals, until plants are practically covered. Before weather becomes too severe Celery should be stored in sheds, frames or cool cellars for use during the winter. Artificial heat should never be used in any storage place. The roots should be packed in earth and the stalks should stand upright and any dead or decaying foliage should be removed before the plants are stored. Careful ventilation and a low temperature, just above freezing, are needed to ensure the successful wintering of celery. One ounce of seed should produce about 3000 plants; 4 oz. to the acre.

For Celery Plants see Page 83

### We recommend the Book

**CELERY CULTURE**—By Beattie, \$1.10 postpaid

**Giant Pascal.** The most satisfactory variety for Fall and Winter use. Grows rapidly and a wonderful keeper. The stalks are of medium height, thick and solid, blanching to a beautiful yellowish white color. Properly blanched and kept in good storage it remains solid, crisp and of a fine nutty flavor. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.75.

**BRECK'S BOSTON MARKET.** Popular market garden variety; tender, mild flavor; good keeper. Pkt. 15c; oz. 85c;  $\frac{1}{4}$  lb. \$3.00.

**White Plume.** This variety can be blanched with boards. It is usually solid, and of pleasing nutty flavor. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.75.

**Clayworth Pink Prize.** (See Vegetable Specialties). Medium size, early, heart solid and crisp. Pkt. 25c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.50.

**Celery Seed for Flavoring.** 1 oz. pkt. 10c;  $\frac{1}{4}$  lb. 20c; lb. 60c.

### CELERY BLEACHING PAPER

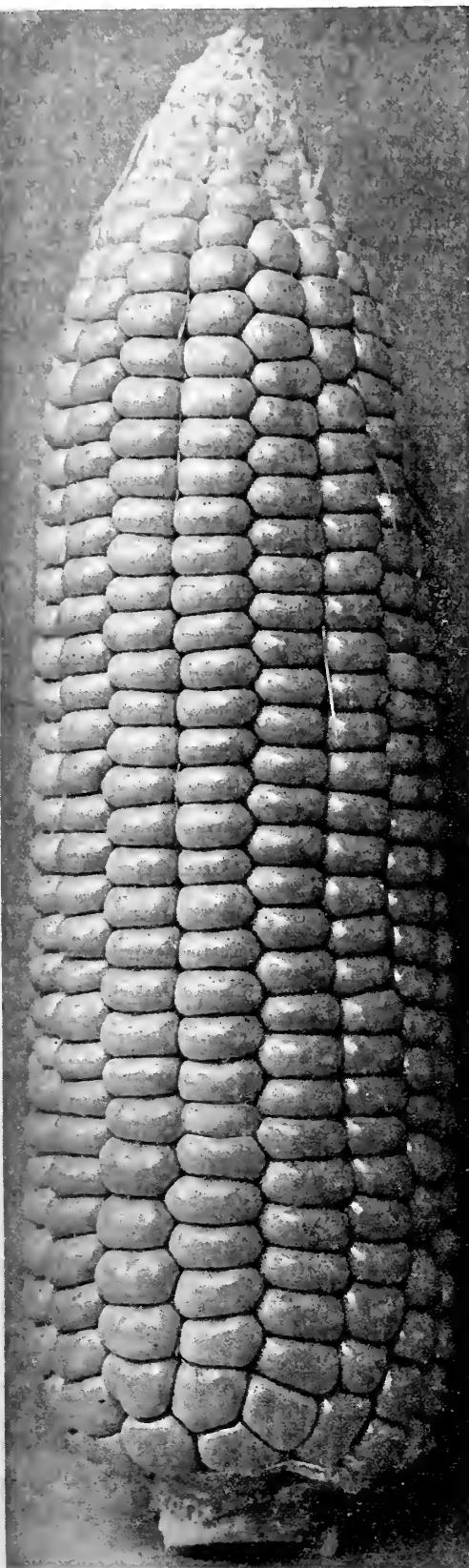
A black waterproof paper furnished in rolls 300 ft. long and 10 in. wide. Easily adjusted around the celery plants. Kept in place by wire stakes or wooden pins. Cheaper than boards and easier to handle.

Price \$2.50 per roll; sold only in full rolls.

## CHERVIL

**CULTURAL DIRECTIONS.** An aromatic Sweet Herb that resembles Parsley. The young leaves are used in soups and salads. Sow evenly in May in drills  $\frac{1}{2}$  inch deep, one foot apart.

**Chervil, Curled.** Leaves curled, crisp and light green color. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. \$1.00.



Bantam Evergreen

## SWEET CORN

**CULTURAL DIRECTIONS.** For a very early crop Sweet Corn can be started under glass in pots and planted out with the advent of settled weather. It is possible to secure pickings two weeks earlier in this way. The first outdoor sowing of the early varieties can be made on warm well dried soil as early as April 20. Only occasionally will this sowing be injured by frost; even though it should be killed it costs but little to resow. Sowings of the tall varieties like Stowell's Evergreen may be made until early July, but the early varieties can be sown as late as July 15 and sometimes even later in the vicinity of Boston. While corn is often sown in drills  $2\frac{1}{2}$  to 4 feet apart according to the variety, a better plan is to sow the seed in hills three feet apart, as there is a better root anchorage in hill cultivation and the stalks are far less liable to blow over during moist, windy weather. Allow 4 to 5 plants to each hill. Where crows or squirrels trouble the seeds the best plan is to spread the seed in a box and treat with Stanley's Crow Repellant. The seeds thus treated will be free from the attacks of birds or animals. One pound of seed will plant 100 feet of drill, or about 150 hills; 12 lbs. to the acre.

### EXTRA EARLY VARIETIES

② **GOLDEN SUNSHINE.** The earliest of the yellow sweet corn varieties, maturing about 10 days prior to Golden Bantam. Stalks 4 to 5 feet high with ears 6 inches long and having 12 rows of large kernels. Quality very fine and plants very productive. (See Vegetable Specialties). Pkt. 25c; 1 lb. 60c; 2 lbs. \$1.00; 12 lbs. \$4.80.

**Early Surprise.** A very early variety (70 days) of white corn, stalks  $4\frac{1}{2}$  feet high, ears 8 to 12 rowed; quality good.  $\frac{1}{2}$  lb. 25c; 1 lb. 40c; 2 lbs. 75c; 12 lbs. \$3.50.

**Pocohontas.** An extra early white variety. Five to five and one-half dozen ears fill a bushel box. A most desirable variety for the market gardener. The ears are of uniform size, kernels large and tender, good flavor, filling the cob evenly and compactly.  $\frac{1}{2}$  lb. 20c; 1 lb. 35c; 2 lbs. 65c; 12 lbs. \$2.75.

② **BRECK'S BANTAM CROSBY.** The midget extra early Sweet Corn. Ready for the table before one can secure satisfactory ears of either Red or White Cory. We can recommend it with assurance for greenhouse culture as well as the open garden.  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50.

### EARLY AND SECOND EARLY VARIETIES

② **BRECK'S GOLDEN BANTAM.** Selected Massachusetts Grown. The most popular variety of yellow sweet corn ever offered; also one of the earliest and hardest. The plants rarely grow over 6 feet in height, and usually bear at least two ears, 5 or 6 inches long on each stalk. Many people assert that Golden Bantam is the sweetest of all corns; its plump, rich, cream-yellow kernels are tender, milky and delicious. All our Golden Bantam seed is Northern grown; making it especially valuable for growth in sections where the summers are cool and short.  $\frac{1}{2}$  lb. 25c; 1 lb. 40c; 2 lbs. 75c; 12 lbs. \$3.50.

**Whipple's Yellow.** An excellent variety of yellow sweet corn maturing slightly earlier than Golden Bantam. Stalks 6 feet tall, ears 14 rowed, 7 to 8 inches long; kernels broad, deep and golden yellow. Quality very good.  $\frac{1}{2}$  lb. 25c; 1 lb. 40c; 2 lbs. 75c; 12 lbs. \$3.50.

② **GOLDEN GIANT.** Ears twice the size of Bantam and being from 14 to 16 rowed give nearly four times the yield per acre; richer in color, more delicious, equally early. The husks are striped with red and very heavy. Golden Giant can be highly recommended to the market gardener because of the large ears and good shipping qualities of the corn.  $\frac{1}{2}$  lb. 25c; 1 lb. 40c; 2 lbs. 75c; 12 lbs. \$3.50.

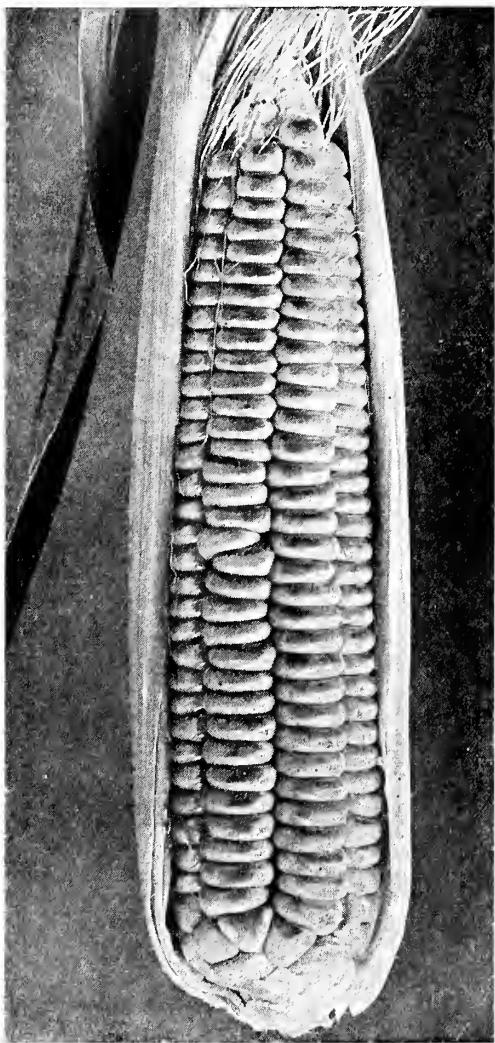
**Early Mayflower.** An extra early White Sweet Corn. Matures about one week in advance of White Cory; growth of stalks  $4\frac{1}{2}$  to 5 feet. Ear larger than Cory, having eight to twelve rows of kernels. A profitable market garden variety.  $\frac{1}{2}$  lb. 20c; 1 lb. 35c; 2 lbs. 65c; 12 lbs. \$2.75.

**Early Crosby.** The standard and favorite early white variety; a little later than the Cory, but sweeter and with a larger ear; 5 to 6 inches long, corn fodder 5 to 6 feet high.  $\frac{1}{2}$  lb. 20c; 1 lb. 35c; 2 lbs. 65c; 12 lbs. \$2.75.

**Golden Orange.** A popular sort among the farmers and market gardeners in southern New Hampshire, Maine and eastern Massachusetts. Can be classed as an extra early sort, from 7 to 8 inches in length, slender, with small cob, kernels large, deep; set in even rows and filling out the ears to the tip.  $\frac{1}{2}$  lb. 25c; 1 lb. 40c; 2 lbs. 75c; 12 lbs. \$3.50.

**Quincy Market.** Larger and earlier than the common Crosby. Popular white market garden variety.  $\frac{1}{2}$  lb. 20c; 1 lb. 35c; 2 lbs. 65c; 12 lbs. \$2.75.

**Black Mexican.** Said to be the sweetest corn in cultivation, medium early, ears of good size, kernels purplish black.  $\frac{1}{2}$  lb. 25c; 1 lb. 40c; 2 lbs. 75c; 12 lbs. \$3.50.



Breck's Golden Bantam Corn  
Selected Mass. Grown

## CHICORY

CULTURAL DIRECTIONS. The Witloof Type is grown almost entirely for salad purposes, being eaten like Cos Lettuce. Sow the seed in a deep, well prepared soil, during the latter part of May in rows 18 inches apart. Thin the plants to 6 inches apart in the row. In late Fall the roots should be lifted, tops cut off to  $\frac{1}{2}$  inch from crown and then graded as to size, large, medium and small. Discard the small roots, save only the large and medium sized roots. The roots are then placed in a trench 10 inches deep in the greenhouse or hot bed and covered with fine soil or sand to a depth of 6 or 9 inches until such time as the roots are to be forced. After a proper soil moisture and air temperature has been supplied the tops should be ready to cut in about four weeks. The large rooted Chicory should be grown in the same manner as Carrots. This is the Chicory of commerce used to mix with coffee. The roots are taken up, washed, cut in small pieces and carefully dried before being used.

Witloof or French Endive. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.25.  
Large Rooted. Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. 75c.

## CHIVES

For Chive Plants see Page 83

*Allium Schoenoprasum.* Resembles the Onion in growth and is of the same family. Used largely as salad and for flavoring soups. Can be cut repeatedly during the growing season. Pkt. 20c; oz. 75c.

## CORN LATE VARIETIES

•**BANTAM EVERGREEN.** A yellow variety maturing about 10 days after Golden Bantam and a week earlier than Stowell's Evergreen white. It has an ear three times the size of Golden Bantam and runs, 12, 14, and 16 rows to the ear. The stalk is about 6 feet tall and is perhaps 1 foot dwarfer than Stowell's Evergreen and 2 feet taller than Golden Bantam. Bantam Evergreen has the tender and sweet qualities of Golden Bantam and combines the quality of Golden Bantam with the productiveness of Stowell's Evergreen. As a table variety it is unexcelled.  $\frac{1}{2}$  lb. 25c; 1 lb. 40c; 2 lbs. 75c; 12 lbs. \$3.50.

•**STOWELL'S EVERGREEN, PLATT'S STRAIN.** The standard main crop variety for market and for home garden. Ears large, kernels deep, sugary and tender, remaining in green stage for an unusually long time. It is not uncommon for the ears to have 18 to 20 rows.  $\frac{1}{2}$  lb. 20c; 1 lb. 35c; 2 lbs. 65c; 12 lbs. \$2.75.

**Country Gentleman (Shoe Peg).** Late, large ears, kernels white and sharp pointed, placed in irregular rows on cob. A fine late variety and a general favorite.  $\frac{1}{2}$  lb. 20c; 1 lb. 35c; 2 lbs. 65c; 12 lbs. \$2.75.

### STANLEY'S CROW REPELLENT

Prevents crows, other birds, and animal pests from pulling corn. Protects corn from rot caused by moisture. Does not clog planter. Has been successfully used for over 10 years. Small cans enough for 1 bushel corn, \$1.00; large cans enough for 2 bushels corn, \$1.50.

## POP CORN FOR SEED

**Black Beauty.** Very productive and early in maturity, ears 6 inches long having large purplish black kernels. Pops very large, white and fluffy. Lb. 25c; per 100 lbs. \$20.00.

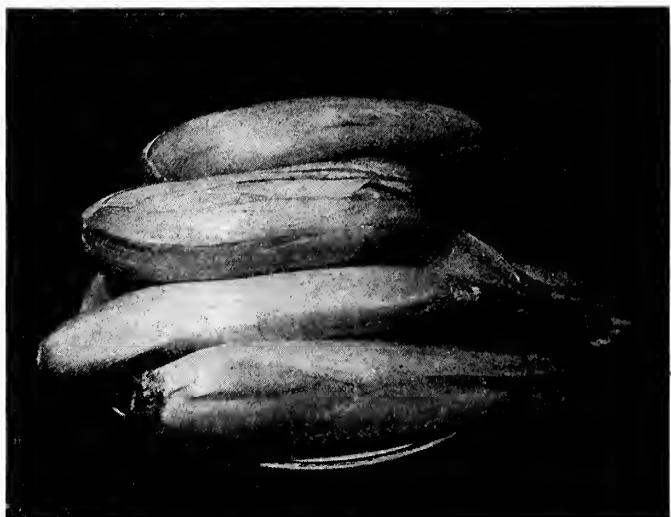
**Japanese Pearl.** A small seeded white corn, popping pure white without kernel. Ears very small. A pleasing novelty for the home garden. Lb. 20c; per 100 lbs. \$15.00.

**Golden Queen.** Yellow kernels, pops pure white, good sized ears. Lb. 20c; per 100 lbs. \$18.00.

## CORN SALAD

### Fetticus or Lamb's Lettuce

CULTURAL DIRECTIONS. A salad plant of great merit and of the easiest possible culture. Each plant forms a rosette of tender green succulent leaves that connoisseurs of good salads highly prize either alone or when combined with chopped Beet roots. Seeds should be sown in early Spring in rows fifteen inches apart and if given high cultivation the crop should be ready in six to eight weeks. During hot Summer weather this crop will bolt to seed, but sowings in August will give splendid salading in October and the plants may be covered with straw and kept in fine condition until Thanksgiving. In favored locations the plants from late sown seed may be carried through the Winter so that an early Spring crop may be enjoyed. One ounce will sow 150 feet of drill. Large Leaved. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 75c.



Chicory Witloof

# CUCUMBER

**CULTURAL DIRECTIONS.** For an early crop seeds may be started indoors in Growel Pots, on squares of turf, in strawberry boxes, or in common flower pots, and later planted out after frost danger has passed. It is unsafe to sow Cucumbers outdoors much before the last of May. Sowings may be made as late as July 1 and with a favorable Autumn good crops will be enjoyed. Sow in hills 4 feet apart. A couple of fork-fulls of good manure is necessary in each hill to give vigorous plants. Thin sowings to 4 plants in a hill and

always keep Cucumbers closely picked. The long English Cucumbers of the Telegraph type are not suitable for outdoor culture. They succeed finely in frames and greenhouses if given an abundance of water and occasional soakings with liquid manure. Dust plants when young with arsenate of lead as a protection against the striped cucumber beetle, and spray or dust with a good fungicide to protect from fungous diseases. One ounce of seed will plant about 50 hills;  $\frac{3}{4}$  lb. to the acre.

## SLICING VARIETIES

•**BRECK'S FORCING WHITE SPINE** (Belleville). A selection of the famous Belleville strain of Forcing White Spine Cucumber grown especially for us by a Market Gardener in Essex County, Massachusetts. Pkt. 50c; oz. \$5.00.

**Arlington White Spine.** Seeds from the selected stock of the Improved White Spine, giving cucumbers of more uniform size and better color. This strain used largely for forcing in the greenhouse. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. \$1.00.

•**Davis Perfect.** An extra long, dark green, type of white spine producing a heavy crop of smooth fruits 8 inches long, crisp, uniform color and has comparatively few seeds. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

•**Klondike.** Medium sized, uniform cucumber, 7 inches long, diameter about 2 inches when in first-class condition for slicing. Color a rich dark green. Highly recommended. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

**Long Green Improved.** Late, 12 inches long, green, tender, excellent flavor. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

## PICKLING VARIETIES

•**BOSTON PICKLING.** Very productive. Fruits short, bright green and make an excellent pickle. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c.

**Early Cluster.** Fruit borne in clusters. Prolific. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c.

**Early Russian.** Very hardy and productive. Extra early. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c.

**West India Gherkin.** Short green oval cucumber for pickling. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

**Japanese Climbing.** Productive, fine quality. Excellent climbing vine. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

## ENGLISH FRAME VARIETIES

These are grown chiefly by private gardeners. They attain a length of from 12 to 30 inches, and are of fine quality. Packet 50c each.

Rollinson's Telegraph      The Rochford      Tender and True



SNAROL AND CUTWORMS  
DO NOT AGREE

## CRESS

•**Curled, or Peppergrass** (*Lepidium Sativum*). The popular sort. Sow thickly in drills,  $\frac{1}{4}$  of an inch deep and a foot apart as early in Spring as the ground can be prepared. One ounce will sow about 100 feet of drill. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 35c; lb. \$1.25.

**Upland Cress** (*Barbarea vulgaris*). A perennial variety resembling Water Cress. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

**Water Cress** (*Nasturtium officinale*). This variety succeeds only in damp soils on the border of ponds or streams, or where its roots are partially submerged in water. Seed should be sown about  $\frac{1}{4}$  inch deep. Pkt. 10c; oz. 75c.

## DANDELION

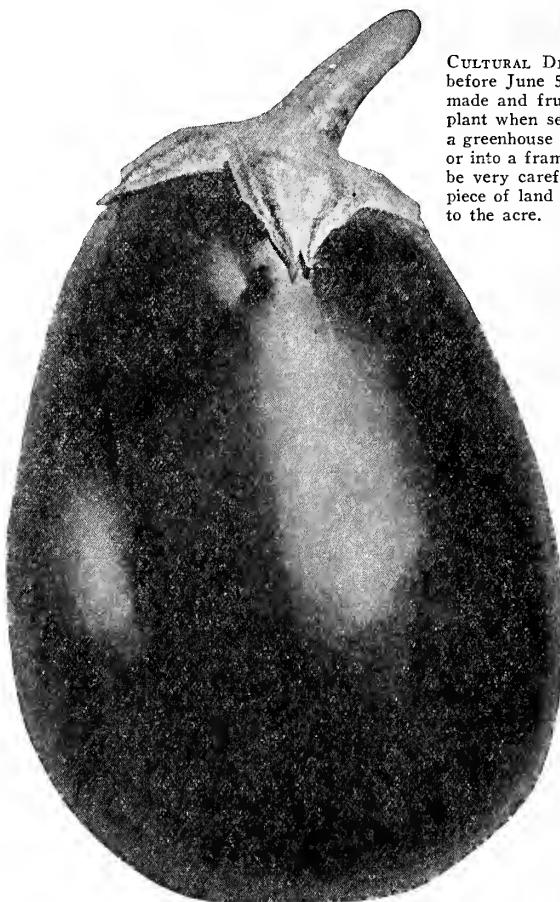
**CULTURAL DIRECTIONS.** A very superior quality of dandelion greens may be had by sowing seeds in May or June in very shallow drills, 15 to 18 inches apart. Seedlings should be thinned to 6 or 8 inches. A winter mulch is necessary after the ground becomes firmly frozen. Cultivated dandelions have broader leaves and are in every way superior to the wild plants. The leaves are popular both for cooking and salads. They require rich soil.

•**AMERICAN IMPROVED.** Large fleshy leaves. Pkt. 25c; oz. \$1.50;  $\frac{1}{4}$  lb. \$5.00.

**Thick-leaved French.** Large and tender. Pkt. 15c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.00.

CUCUMBER  
Arlington White Spine





Egg Plant New York Improved

## FLORENCE OR SWEET FENNEL (FINOCCHIO)

CULTURAL DIRECTIONS. This delicious Italian vegetable has grown very much in favor in recent years. The leaf bases form the portion which is so highly prized, being sometimes boiled and occasionally cut up and used in a raw state for salading purposes. It is unwise to sow very early or the greater portion of the plants will run to seed. Seed started early in June, and sown in drills and thinned out to 8 inches apart, will develop fine bases which are improved in flavor by hillng up with soil as cool weather approaches. Finocchio has a sweet and celery-like flavor which however is rather more delicate than Celery.

Sweet Fennel. Pkt. 10c; oz. 50c.

## KALE OR BORECOLE

CULTURAL DIRECTIONS. The Kales are much the hardiest of the Brassica family and will sometimes withstand the rigors of a New England winter. While the bulk of the varieties grown carry green foliage, the variegated section with leaves in a variety of colors is very attractive and excellent for garnishing purposes, the colors reach their greatest beauty after we have had a few frosts. The green curled varieties require several freezings to improve their flavor. They are especially good in Spring when they throw out quantities of side shoots. Sow seeds not earlier than May 15 and plant out in rows a yard apart allowing 2 feet between the plants. One ounce of seed will sow 150 feet of drill; 6 oz. to the acre.

**DWARF GREEN CURLED SCOTCH.** Leaves bright green closely curled, very tender. Quality is improved if the plants are touched by frost before being used. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

Siberian or Winter. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.00.

Tall Green Curled Scotch. Similar to the dwarf, but more vigorous. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.00.

**CULTURAL DIRECTIONS.** Few vegetables are more tender than Egg-plants and planting out is unsafe before June 5 to 15. They demand very heavily manured ground and very much better growth will be made and fruits more freely produced if two liberal fork-fulls of cow manure are placed beneath each plant when setting. Plants need to be spaced 3x3 feet to permit their proper development. Sow seeds in a greenhouse or hotbed about the end of March, and prick off into flats of rich soil, or into Growell pots, or into a frame, allowing at least 8 inches each way between the plants. The plants when being set should be very carefully handled, so as to avoid checking their growth. Egg-plants want a warm well drained piece of land and prefer light to heavy soils. One ounce of seed should produce about 1000 plants; 5 oz. to the acre.

For Egg-Plants see Page 83

### ONE NEW YORK IMPROVED.

The leading market variety; excellent and very productive. Pkt. 15c; oz. 85c;  $\frac{1}{4}$  lb. \$2.75.

**Black Beauty.** Early fruit, jet black, round in form and very solid. Pkt. 15c; oz. 85c;  $\frac{1}{4}$  lb. \$3.00.

**Early Long Purple.** Differing only in shape from the foregoing; hardy and productive. Pkt. 15c; oz. 85c;  $\frac{1}{4}$  lb. \$3.00.

## ENDIVE

**CULTURAL DIRECTIONS.** This is one of our most useful salading plants. It requires a light, rich soil to be seen at its best. While sowings may be started as early as the end of April, the really worthwhile plants are not to be had until late Summer or Autumn. Seed for this crop should be sown July 15 to August 1. Do not tie up too many plants at a time. It requires 2 to 3 weeks to properly blanch the hearts. For Winter use heads may be lifted with balls of earth and planted in cold frames and cellars. Another plan is to lift when absolutely dry, lay in a frost-proof cellar and cover plants entirely with dry sand, this prevents all rotting and plants may be preserved a long time in this way. One ounce of seed will sow 150 feet of drill; 3 lbs. to the acre.

**BROAD LEAVED BATAVIAN (Escarolle).** A very sweet variety for Autumn and Winter use. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. \$1.00.

**Green Curled.** The standard sort, suitable for Autumn and Winter. Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00.

**Moss or Parisian Curled.** A small, very beautifully curled sort. Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00.

**White Curled.** Grown for early use. Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00.

## VARIEGATED-LEAVED KALE

We offer this year for the first time a variegated-leaved Kale or Borecole that is widely grown and justly popular in Europe. These Kales are highly recommended for garden ornamentation and exhibition purposes. See Vegetable Specialties page 53.

## KOHL-RABI

**CULTURAL DIRECTIONS.** This interesting member of the Brassica family is often referred to as the "Turnip Rooted Cabbage." Seeds may be sown thinly in shallow drills in early Spring and up to August 1st for a late crop. Several successive sowings are necessary during the season as the tubers soon get hard in hot dry weather. Their flavor resembles that of turnips but is rather more delicate. The roots must be used while rather small and when a knife or needle will easily puncture them. The Spring and Autumn sowings yield much the best roots. One ounce of seed will sow 150 feet of drill; 2 lbs. to the acre.

**Early White Vienna.** A very early variety, tops small and outer color is greenish white, flesh quite free from fibre. Quality is excellent. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.

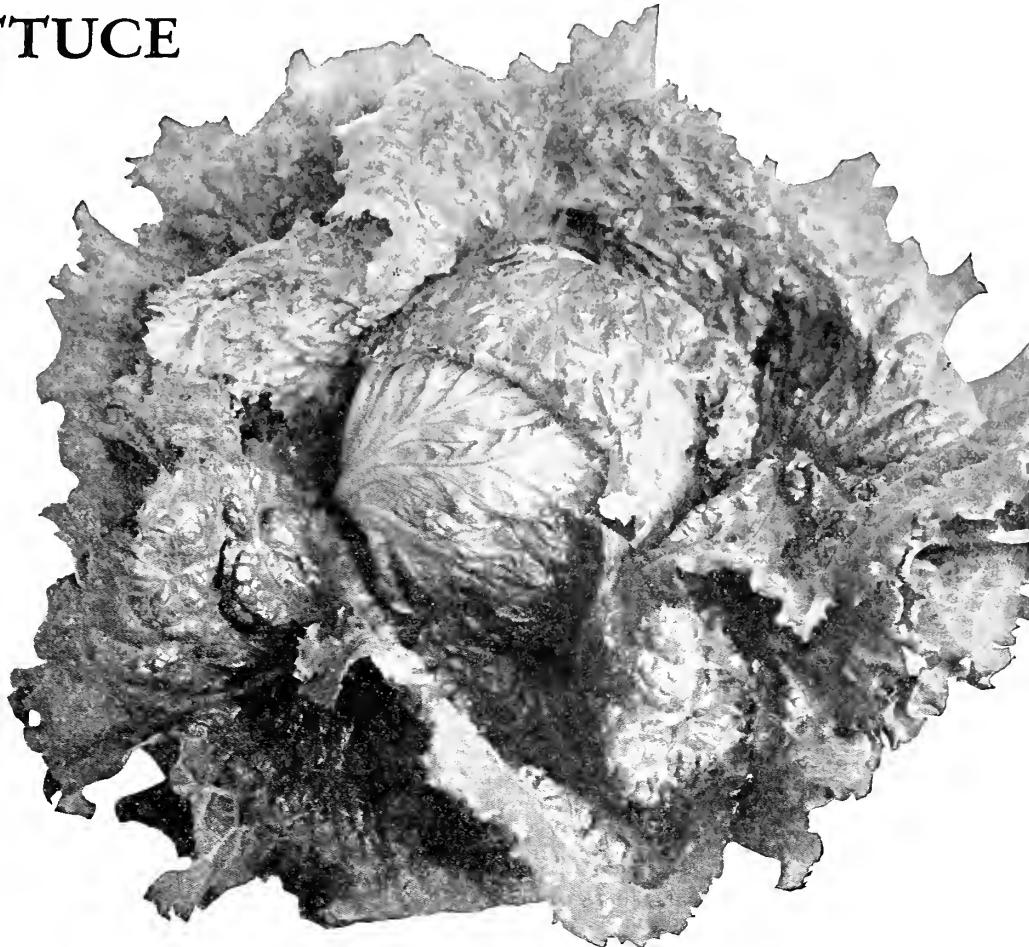
**Early Purple Vienna.** Very early, tops small, outer color purple, flesh quite free from fibre. Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.25.



Kohl-Rabi Early White Vienna

# LETTUCE

**CULTURAL DIRECTIONS.** Lettuce is by far the most important of all salad plants. It is cultivated to a great extent under glass as well as in the open. For an early crop seeds may be sown as early as January and transferred to hot-beds after being first pricked off into flats 2 inches apart each way. Seeds may be sown outdoors from the time frost has gone until the end of August, using the Forcing or Standard Heading Varieties for early and late sowings and the Crisp Heading Varieties for Summer use. This vegetable demands a soil rich in nitrogen which is best furnished in the form of well decomposed stable manure. Lettuce will simply refuse to grow satisfactorily and will not form heads in a soil deficient in plant food. The most difficult period of the year to secure good heads is the midsummer period. Watering is necessary during hot, dry weather. As Winter approaches plants from late sowings which have not headed can be protected by coverings of dry leaves or straw. They may also be lifted and stored in frames. It is possible to winter Lettuce in frames if suitable protection is afforded over the glass and the sides are banked. Cos Lettuce or Romaine is of upright habit and generally self folding. It usually forms a large and quite solid heart. Its treatment should be the same as advised for the Standard Heading Varieties. One ounce to 250 feet of drill should produce about 4000 plants; 3 lbs. to the acre.



Lettuce Breck's California Iceberg

## CRISP HEADING VARIETIES

**New York, Wonderful or Los Angeles.** Heads very large and firm. Leaves crumpled and fringed, very broad and dark green in color. Quality excellent. This sort is known in the far west as Los Angeles and is shipped to our eastern markets under the misnomer of Iceberg. Pkt. 15c; oz. 50c;  $\frac{1}{4}$  lb. \$1.25.

•**Hanson Improved.** Heads large and solid and a very reliable sort for midsummer plantings. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.00.

•**BRECK'S CALIFORNIA ICEBERG.** A selected strain of Los Angeles Lettuce frequently called by local market men "Iceberg." California Iceberg has slightly curled green leaves, heads medium large, dark green—first pointed and at maturity globular. Easily grown and a good shipper. Pkt. 25c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.00.

## CURLED VARIETIES

•**Boston Curled.** Very early, medium in size, upright, deep green and very much fringed and curly. Does not make a compact head. Quality fine. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.00.

**Black Seeded Simpson.** An early large leaved sort which is very reliable. Leaves very crumpled and crinkled. Light green and of excellent quality. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.00.

**Grand Rapids.** A very attractive and excellent sort of bunching lettuce. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.00.

## COS OR ROMAINE VARIETIES

**White Paris (Trianon).** Medium in size, self closing firm and dark green in color. Quality excellent. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.00.

## FORCING VARIETIES

(Forcing Varieties are also recommended for outdoor culture)  
**Breck's Boston Market.** A carefully selected strain of white seeded Tennisball. Grows very compact, and forms a decidedly solid head. A good forcing sort for early winter plantings. Pkt. 15c; oz. 75c;  $\frac{1}{4}$  lb. \$2.50.

•**MAY KING. BRECK'S STRAIN.** A selected strain of this well known variety; a solid, cabbage-butter-head type; medium small, color light green, tinged slightly on edge with brown. Recommended for growing under glass or for an early outdoor variety. Pkt. 15c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50; lb. \$5.00.

## STANDARD HEADING VARIETIES

**White Seeded Tennis Ball.** A very early hardy sort forming a very solid compact head having light green leaves, tinged at the edges with brown. Quality good. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.25.

•**BRECK'S BLACK SEEDED TENNIS BALL OR SALAMANDER.** Ideal as an early sort, heads very solid, medium size, compact, leaves broad, dark green. Quality excellent. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.75.

**Big Boston.** A large headed sort, very solid and excellent as a main crop sort. Leaves broad, quite smooth, light green in color with leaf edges distinctly tinged with brown. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.00.

**Unrivalled or Green Leaved Big Boston.** A large headed sort, very solid and excellent as a main crop sort. Leaves broad, quite smooth, light green in color. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.00.



Lettuce Breck's Black Seeded Tennis Ball

## STANDARD HEADING VARIETIES—Continued

• California Cream Butter. (Royal Summer Cabbage). Does well in this section. Outer leaves large, glossy, deep green, tinged slightly with brown. Heart rich golden yellow. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. \$1.00.

Crisp as Ice. (Hartford Bronze head). Medium size cabbage butter-head type; leaves deep-green base with dark brown covering giving the plants a bronze appearance. Quality excellent; crisp and tender. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.

Mammoth Black Seeded Butter. Very similar to Black Seeded Tennis Ball but heads twice as large. A main crop sort. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.25.

Mignonette. A variety which forms small, compact heads; excellent for the home garden. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 75c.

## LEEK

CULTURAL DIRECTIONS. Where large leeks, suitable for exhibition purposes, are desired, seeds may be started under glass, but very good sized stems may be had from outdoor sowings made in April along with onions. The flavor of Leeks resembles that of onions but is milder. When transplanting seedlings cut back their tops quite severely; this induces a much better start. The finest leeks of exhibition size are grown in trenches. The soil for them needs heavy manuring and plants should not stand more closely than 10 to 12 inches apart. Where smaller heads are desired 8 inches between the plants suffices. To insure the enormous white leeks which are so attractive in vegetable displays, and which have an improved flavor, stalks should be filled up with soil as advised for celery. Leeks are very hardy, and are often left outdoors all winter, but for convenience they are customarily stored in sheds or cellars where they are covered with soil. One ounce of seed will sow 100 feet of drill; 4 lbs. to the acre.

• Large American Flag. Hardy and vigorous and an excellent winter sort. Bulbs long and very uniform. Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00.

Large Rouen or Winter. Hardy, producing long bulbs terminating in a rounded base. Remains a long time in good condition. Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00.

Musselburgh or Carentan. The famous Scotch sort, large hardy and distinct. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.25.

TEST YOUR GARDEN SOIL WITH  
SOILTEX

It will save disappointment, time and the crop, if used before applying fertilizers.

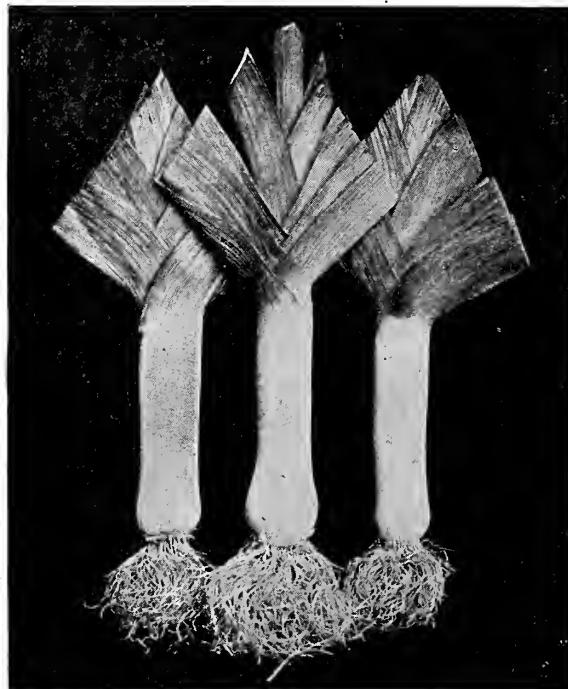
Complete pocket set \$1.00 postpaid

## HERBS

## Sweet, Pot, Medicinal

CULTURAL DIRECTIONS. There is a rapidly increasing interest in all of the sweet smelling herbs in America today and Herb Gardens are becoming quite popular. As the great majority of these plants are of very easy culture there would seem to be no valid reason for their not being grown in a greater number of even very small gardens. We recommend to all Herb growers that they get the book Culinary Herbs by M. G. Kains, as culture varies considerably with different varieties.

	Pkt. Oz.
Anise (Pimpinella anisum).	.10 \$0.60
Balm (Melissa officinalis).	.10 1.00
Basil, Sweet (Ocimum basilicum).	.10 .60
Borage (Borago officinalis).	.10 .40
Caraway (Carum carui).	.10 .20
Catnip (Nepeta cataria).	.10 2.00
Coriander (Coriandrum sativum).	.10 .40
Dill (Anethum graveolens).	.10 .50
Fennell (Foeniculum officinale).	.10 .40
Hop Vine (Humulus lupulus).	.10 2.00
Horehound (Marrubium vulgare).	.10 .50
Hyssop (Hyssopus officinalis).	.10 .60
Lavender (Lavandula vera).	.10 1.00
Marjoram, Sweet (Origanum majorana).	.10 .80
Mint (Mentha piperita).	.25 2.00
Pennyroyal (Hedeoma pulegioides).	.10 1.00
Rosemary (Rosmarinus officinalis).	.10 2.00
Rue (Ruta graveolens).	.10 2.00
Saffron (Crocus sativus).	.10 1.00
Sage (Salvia officinalis).	.10 .50
Savory Summer (Satureja hortensis).	.10 .30
Savory Winter (Satureja montana).	.10 .65
Sorrel Broad-leaved (Rumex patientia).	.10 .80
Tansy (Tanacetum vulgare).	.10 1.50
Thyme Broad-leaved (Thymus vulgaris).	.10 2.00
Wormwood (Artemesia absinthium).	.10 2.00



Leek Large American Flag

# MELONS

**CULTURAL DIRECTIONS.** The ideal soil for musk-melons is a light but rich sandy soil. Ground well manured the previous year is especially desirable. For an early crop seeds may be started indoors in Growell pots, on pieces of turf, or in common 4 inch clay pots. Plant these out early in June. Seeds outdoors are better not sown before June 1 near Boston. Hills should be well enriched and spaced 6 feet apart each way. Leave 3 to 4 seedlings to each hill. Small Forcing Frames or Hot Kaps are useful for forcing the growth of melons out doors. Another good method is to make a ridge round each hill and lay squares of 16x24 glass over each, tilting these on hot days, closing at night and removing when weather is settled. In this way two weeks may be gained in the maturing of the fruits in the average season. One ounce of seed will plant about 50 hills; 2 to 3 lbs., one acre.

## MUSKMELON PRODUCTION

By J. W. Lloyd

The best book published \$1.35 per copy  
postpaid.



Muskmelon Rockyford or Netted Gem

## MUSKMELON VARIETIES

**Early Christiana.** Green with yellow flesh, an excellent early sort. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.50.

**GOLDEN CHAMPLAIN.** Very early. Medium in size and salmon fleshed. Rind well netted. Vines vigorous. Quality excellent. Pkt. 25c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.50.

**Breck's Improved Emerald Gem.** An excellent early variety of medium size, distinctly ribbed and fairly well netted. Flesh deep and of a rich salmon color. Juicy and very sweet. Well adapted to the home or market garden. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.00.

**Hale's Best.** Fruits small to medium in size, oval in shape, distinctly ribbed and very heavily netted. Flesh thick, solid, deep salmon in color and of excellent quality. An outstanding shipping variety. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.00.

**Bender's Surprise.** The outstanding medium large muskmelon adapted to Massachusetts. Slightly oblong in shape, deeply ribbed and heavily netted. Flesh thick, solid, juicy and very deep salmon in color. Excellent flavor. A very good sort for home or market garden and for shipping. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.00.

**Hackensack.** Large, productive and fine flavored, green flesh. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.50.

**Montreal Green Nutmeg.** Early, large size, excellent quality, flesh green. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 85c; lb. \$1.75.

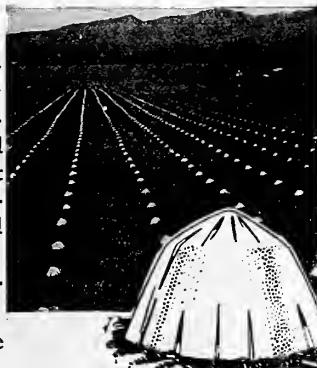
**OKA.** A selection of the Montreal Market crossed with a red flesh variety. Originated in Canada. We can very strongly recommend this variety for the home garden. Per Pkt. 25c.

## HOTCAPS

Make the growing of muskmelons easy. They permit earlier planting and give complete protection from high winds and cold rains. They guard against too much moisture which frequently causes a delayed and weakened growth.

Prices 25c per dozen, \$1.25 per 100; \$11.50 per 1000.

For full description see page 173.



**Honey Dew.** A large light-colored smooth skin melon, weighing 8 to 10 lbs. Thick flesh; color light green. Delicious honey-like flavor. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.

**Miller's Cream (Osage).** A large, main season sort oval in shape. Flesh thick, salmon and of excellent quality. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 85c; lb. \$1.75.

**Rocky Ford, or Netted Gem.** Very popular, flesh light green; sweet and delicate flavor. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$1.50.

## MUSKMELONS FOR FORCING

Imported varieties, the most popular sorts for Greenhouse culture. All 50 cents per packet.

**Blenheim Orange.** Scarlet flesh, fine flavor, prolific, finely netted, thin rind.

**Improved Barnet Hill.** A red flesh variety which has given very satisfactory crops; good flavor.

**Invincible Scarlet.** Form globular, color orange-red when ripe, good flavor.

**Royal Sovereign.** Slightly netted, color beautiful golden-yellow; flesh white, thick, firm; thin rind.

**Sutton's A-1 Improved.** Flesh scarlet, medium size, delicious flavor.

**Sutton's Improved Universal.** White flesh, highly recommended.

## WATERMELONS

**CULTURAL DIRECTIONS.** The culture of these is the same as advised for muskmelons but the hills must be spaced 8 to 10 feet apart each way. The early varieties only should be selected for culture in New England. The variety Citron is useful only for preserving purposes. One ounce of seed will plant about 30 hills, 4 pounds to the acre.

**Cole's Early.** Medium size, red flesh, green skin. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 50c.

**Sweet Mountain.** One of the best for general culture. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 50c.

**Hungarian Honey.** Very early, round shape, brilliant red flesh. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 50c.

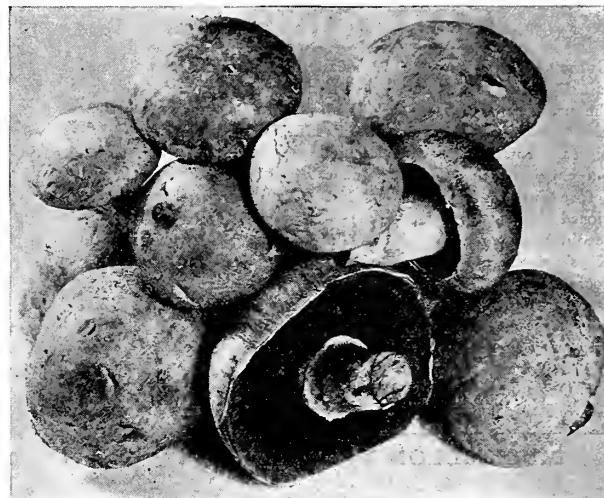
**Phinney's Early.** Standard sort for New England, bright red flesh, sweet and tender. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 50c.

**Vick's Early.** Early, medium size, oblong form, pink flesh. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 50c.

**Citron.** For preserving. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 50c.

# MUSHROOM SPAWN

**CULTURAL DIRECTIONS.** Mushrooms may be successfully grown in quite a variety of situations including sheds, cellars, frames, below greenhouse benches and disused hay tree storage pits. Commercially they are grown in caves, tunnels, un-worked coal mines and specially built sheds or houses. While crops are being successfully grown without the use of manure, for amateurs a supply of fresh horse manure is desirable. The long straw can be shaken out but the shorter litter left and this manure should preferably be stored under cover and one third as much fresh loam as there is manure added to it. This mixture of soil and manure should be thoroughly mixed and turned every second day until the rank heat has left the pile, when it will be in a suitable condition to form into beds. The fermenting material should be spread in layers and either tramped or firmed thoroughly by hand until a bed 10 inches thick has been formed. Use bottom heat thermometer to ascertain the temperature of the bed. It will probably rise to 100 or 110 degrees and as it declines to 85 degrees to 90 degrees it is the right time to spawn. There are two types of spawn, viz. Milltrack which is imported and Pure Culture, the former gives the best sized and colored mushrooms but the Pure Culture will yield mushrooms much earlier and is more generally used today. It is this type that we recommend. Bricks should be broken into pieces of the average size of a pullet's egg, holes being made in the bed 10 to 12 inches apart each way and about 3 inches deep to receive these pieces. In each hole a piece of the broken spawn should be placed and pressed in firmly and covered with the compost, but this is better not firmed until 10 days later when the white mycelium will be running through the bed. At this time also spread a layer of fresh loam 1½ inches thick over the bed and firm it well. Over this spread a layer of straw, hay, or fine excelsior. While mushrooms will often not appear for 6 to 8 weeks in a well prepared bed, it is not unusual to find them showing within three weeks. There is no harm in allowing the mulch to remain on the bed and it will prove helpful if there is any drying heat where the bed or beds are located. In removing mushrooms from the bed do not cut them but twist them out by their stalks, pressing a little soil into the hole made. Cutting should be discouraged, as the portion of stem left rots and usually causes the decay of smaller mushrooms clustered round the one removed. A drying heat is very had for mushrooms; damping floors and walls assist a little in making the atmosphere better, but watering the beds, while necessary at



Mushrooms

times, is more or less of a necessary evil. Water of a temperature of 90 degrees should always be used. When a bed has become more or less exhausted spread a layer of fresh pasture loam over it one half an inch thick and after firming, apply water of a temperature of 120 degrees, and cover with straw or hay to hold the heat and moisture in. This will often start the mushrooms into bearing again. An addition of one pound of nitrate of soda to 10 gallons of water will also act as a further stimulant. The whitest mushrooms are always produced in the dark.

## PURE CULTURE MUSHROOM SPAWN. DIRECT BRICKS, STANDARD AMERICAN.

We can supply fresh Mushroom Spawn throughout the entire year.

Per Brick 40c; 20 Bricks for \$6.50; 100 Bricks for \$30.00.

Book "Mushroom Growing" by B. M. Dugger \$2.00.

## MUSTARD

**CULTURAL DIRECTIONS.** Sowings of mustard should be made right through the winter in boxes or flats and the seeds should not be covered but should be kept well watered. For salad uses it should be cut before the second leaves appear. It is of easy culture in a cellar frame or greenhouse and along with Curled Cress it is ready to cut much more quickly than any other salading plants. One ounce of seed will sow 50 feet of drill.

**Southern Giant Curled.** Plants vigorous and hardy. Leaves large, light green and crumpled. Pkt. 10c; oz. 25c; ¼ lb. 75c.

**Chinese.** Leaves twice the size of the ordinary white mustard, and of a deeper green, flavor pleasantly sweet and pungent. Desirable as a salad. Pkt. 10c; oz. 25c; ¼ lb. 75c.

**Brown or Black.** More pungent in flavor than the white. Pkt. 10c; oz. 25c; ¼ lb. 50c.

## OKRA OR GUMBO

**CULTURAL DIRECTIONS.** This is a real warm weather vegetable and should not be sown before May 20 to 25. Sow in drills 2½ to 3 feet apart covering seeds two inches. Thin out to 12 inches apart. The pods produced are valuable in stews and soups such as "Chicken Gumbo Soup" which is a very popular dish. One ounce of seed will sow 50 feet of drill.

**Tall Green (Perkins Mammoth).** Early, hardy, productive. Pods long, slender and light green. Pkt. 10c; oz. 15c; ¼ lb. 25c.

**Dwarf Green.** Early and productive. Pkt. 10c; oz. 25c; ¼ lb. 50c.

**White Velvet.** Large, creamy white pods; very tender. Pkt. 10c; oz. 15c; ¼ lb. 50c.

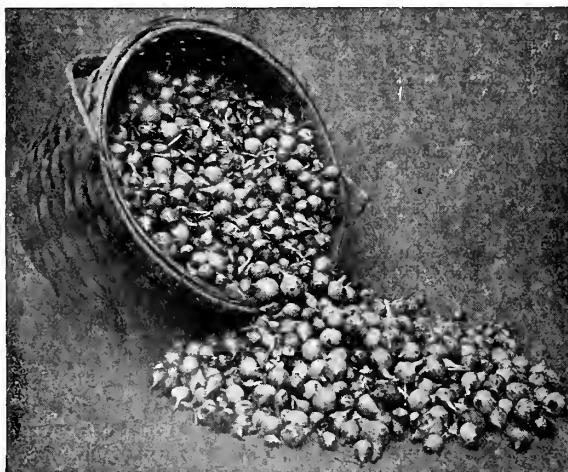
## ONION SETS

**CULTURAL DIRECTIONS.** Onion Sets should be planted out just as soon as possible after frost has gone and the ground can be worked. They are not harmed by fairly severe frost. Plant out in rows 12 to 15 inches apart, allowing 4 inches between each set. The soil must be rich. Keep well cultivated and the Sets will produce good sized Onions weeks in advance of those produced from seeds. One quart to 20 feet of drill; 8 Bushels to the acre.

**Yellow Japanese Onion or Ebenezer.** The outstanding sort for set planting, producing a large bulb not unlike Yellow Globe Danvers in shape and size except that it is somewhat more flattened in shape and of a rich amber color. The bulbs are very firm, solid with thin skin. Will remain in good condition for a long time under ordinary storage conditions. The Yellow Japanese is much superior to the old type of Yellow Sets which we have discontinued and we fill all orders with the Japanese variety. Lb. 35c; 8 lbs. \$2.25. Red. Per lb. 35c; 8 lbs. \$2.25.

White. Per lb. 35c; 8 lbs. \$2.50.

**Egyptian or Perennial Tree Onion.** This variety is planted in late July or early August. The bulbs are hardy and with light covering through the winter can be carried over and produce a crop of mild white Onions for the early market. Prices are established in July for the fall planting.



Onion Sets Yellow Japanese

# ONIONS

**CULTURAL DIRECTIONS.** This very important vegetable crop demands rich soil, and the more nearly level the land can be the better. Very large onions, suitable for exhibition purposes, of such varieties as Ailsa Craig and Prizetaker should be started under glass in late February, pricked off into flats of rich soil, and planted out in late April in rows 18 inches apart and 8 inches between the plants. All varieties of onions grown for exhibition purposes may be started in this way. Seed sowing should be done just as early as possible in spring in drills a foot apart, sowing seeds thinly and covering  $\frac{1}{2}$  inch. After covering the rows a firm tramping or rolling will insure a better and more even stand of seedlings. Thin seedlings so that they are about two inches apart; where rather small onions are preferred no thinning is necessary. Weeding in the early stages of growth is very important. If weeding is neglected for even a few days it may mean serious injury to the crop. Frequent and light cultivation is needed during the growing season and tubers should be pulled up and spread out to dry when tops turn yellow or brown. To assist the formation of extra large bulbs applications of liquid manure after heavy rains will be of great benefit. One ounce of seed will sow 100 feet of drill; from 4 to 5 lbs., one acre.

## YELLOW VARIETIES

**SWEET SPANISH.** Of Spanish origin, mild flavor, grows to large size, globe shaped. Color light yellow, a good shipping onion with small top growth. Is rapidly becoming popular where the stock has been given a good trial. Pkt. 15c; 1 oz. 40c;  $\frac{1}{4}$  lb. \$1.50.

**Mountain Danvers.** An outstanding selection of Danvers, being globular in shape, very solid, large in size, deep amber in color, very small neck.

Eating and keeping qualities excellent. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.

**Prizetaker** (Gibraltar or Denia). Bulbs globular, very large, and of a light straw color. Very mild in flavor. Pkt. 25c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.50.

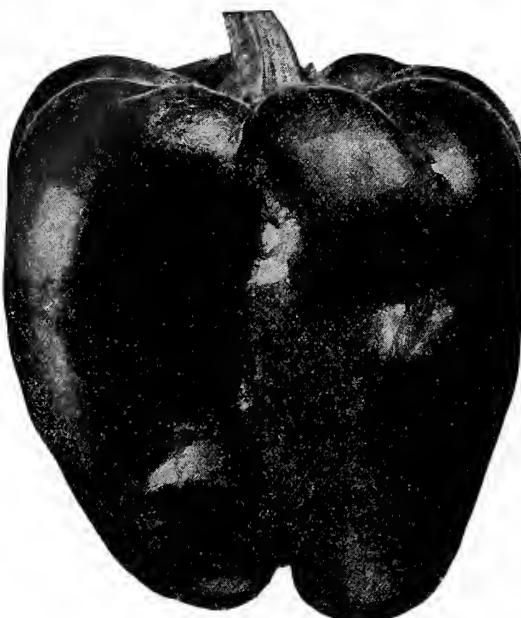
**AILSA CRAIG.** A variety that will grow to enormous size; globular, skin light yellow, flesh white, good keeper; grown largely for exhibition purposes. Pkt. 25c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.50.

**Extra Early Yellow.** In shape and size half-way between the globe and flat onion; keeping qualities excellent. At least three weeks earlier than Yellow Globe. Pkt. 15c; oz. 60c;  $\frac{1}{4}$  lb. \$2.00.

**Early Yellow Cracker.** Flat shape, early, and a good keeper. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.

**Southport Yellow**

Globe. Bulbs globular, medium large, thick-skinned, and excellent keepers. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.



Pepper Chinese Giant

## PARSLEY

**CULTURAL DIRECTIONS.** For a very early crop parsley should be started in the Hot bed or cold frame and planted out about May 1st. Seeds can be sown outdoors very early in Spring or as late as June. Thin plants to stand 8 to 9 inches apart or if you want extra fine leaves 12 inches will be better. Plant only the specially heavy curled varieties. Parsley is an excellent garnishing plant and it is also used in soups and stews. Parsley sauce is very popular for use with fish. Plants may be carried over Winter outdoors by covering with leaves and standing a box over them. Roots may also be lifted and planted in a cold frame or in a box in the cellar for winter use. One ounce of seed will sow about 150 feet of drill; 3 lbs. to the acre.

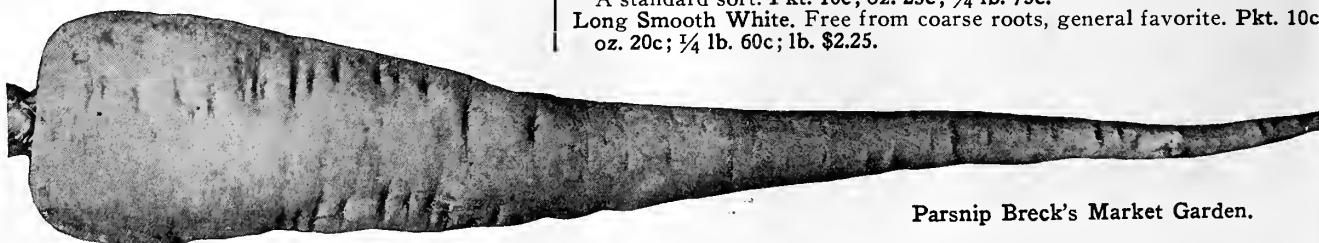
**Champion Moss Curled.** Leaves beautifully curled, extra fine for garnishing. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

**BRECK'S DOUBLE GREEN CREST.** Dwarf compact growth, rich dark green leaves, densely curled. The most desirable sort for exhibition or garnishing, highly prized for garden borders, frames or open ground. Pkt. 25c; oz. 75c;  $\frac{1}{4}$  lb. \$2.00.

**Fern Leaved.** Excellent in form and color. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

**Plain Leaved.** The favorite for flavoring soups and for drying because of its flat, deeply cut but not curled dark green leaves. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

**Hamburg.** (Tuberous rooted). The variety grown for the edible root which has white flesh and in flavor somewhat resembles Celery. The foliage is about the same as the plain Parsley in appearance. Roots frequently dug late in Fall and stored in sand for Winter use. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.



## PEPPERS

**CULTURAL DIRECTIONS.** Seeds of the various Peppers should be sown in heat between March 15 and April 5. Seedlings should be transplanted into flats of light rich soil and gradually hardened off and planted outdoors about June 1. Avoid giving them very rich soil. This will promote a rank growth but practically all flowers will drop instead of setting fruits. Ground well manured the previous year will give a much better and heavier crop of peppers than one manured just prior to planting. After the fruits are set an application of commercial fertilizer stirred in will improve the quality of the fruits. One ounce of seed should produce about 2000 plants; 4 oz. to the acre.

For Pepper Plants see Page 83

### SWEET OR MILD VARIETIES

**Squash, or Tomato-Shaped.** The kind most generally grown for pickling; an excellent mild sort. Pkt. 10c; oz. 50c.

**HARRIS' EARLIEST.** The earliest mild pepper on the market. Plants very dwarf, compact and exceptionally prolific. Fruit 3 to 4 inches long, 2 inches wide at shoulder. Pkt. 25c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.00.

**Sweet Upright.** A very desirable medium size sweet pepper. Fruits borne upright on plants, which are small and compact. Pkt. 15c; oz. 85c.

**WORLDBEATER.** One of the outstanding large peppers. Excellent for the local grower or for shipment. Fruits 5 inches long, 3 inches wide and 4 lobed. Excellent quality and very mild and sweet. Pkt. 15c; oz. \$1.00.

**Large Bell or Bull Nose.** Fruit large, an early sweet variety. Pkt. 10c; oz. 50c.

**Sunnybrook.** A very fine smooth tomato-shaped mild pepper. Flesh very thick. An excellent sort for the market gardener. Pkt. 25c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.00.

**Neapolitan.** Early, large, skin bright red, very mild flavor. Fruit 4 inches long and 4 to 5 around. Pkt. 10c; oz. 75c.

**CHINESE GIANT.** Grows very large and uniform; as early as Ruby King and very mild. The largest pepper in cultivation. Grown widely for exhibition. Pkt. 15c; oz. \$1.00.

**Pimiento.** Desirable for salads or for stuffed Peppers. Medium size, thick flesh, mild flavor. Pkt. 10c; oz. 75c.

### PUNGENT OR HOT VARIETIES

**Red Cherry.** Very hot, fruit round, very productive and ornamental. Pkt. 10c; oz. 75c.

**Long Red Cayenne.** Very hot variety. The pods of this pepper are from 3 to 4 inches in length, cone shaped and coral red when ripe. Pkt. 10c; oz. 75c.

**ANAHEIM CHILI.** A medium sized narrow pepper being very small and very hot, bright scarlet in color. Pkt. 10c; oz. 75c.

**Marconi.** Long Red, one of the most desirable Italian varieties, pungent, but milder than Cayenne. Pkt. 15c; oz. \$1.00.

**Tabasco.** Plant dwarf but very productive. Fruits very small and very hot. Used largely in seasoning. Pkt. 10c; oz. 75c.

## PARSNIP

**CULTURAL DIRECTIONS.** Parsnips are a valuable root crop requiring a long season for their proper development. Seeds therefore should be sown very early in the Spring in drills 18 inches apart, covering seeds one inch deep. Thinning out should be done so that plants stand 8 inches apart. In order to secure long and very smooth parsnips for exhibition use a crowbar and sink holes 24 to 36 inches deep. Fill with finely screened soil and sow half a dozen seeds on top of each hole, thinning out to one. Holes for these big roots should stand a foot apart. It is customary to leave a portion of the parsnip crop outdoors and lift in Spring, as the freezing during Winter greatly improves the flavor of the roots. Those lifted for Winter use should be packed in sand or soil in a cool cellar. One ounce of seed will sow 100 feet of drill; 5 lbs. to one acre.

**BRECK'S MARKET GARDEN.** For flavor, texture of flesh, form, smoothness and as a cropper, this variety is without an equal. Pkt. 10c; oz. 30c;  $\frac{1}{2}$  lb. \$1.00.

**Hollow Crown.** Roots are smooth, medium long and broad shouldered. A standard sort. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

**Long Smooth White.** Free from coarse roots, general favorite. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.25.

# GARDEN PEAS

**CULTURAL DIRECTIONS.** For the successful culture of this most important and popular garden vegetable good preparation of the soil is essential. Peas succeed best on rather light rich loams but will thrive on any good soil which has been deeply ploughed or spaded and liberally manured. They dislike an acid soil and lime is essential to their successful culture. Make the earliest sowings of the round seeded varieties just as soon as the soil is workable. Cover the earliest sowings 2 to 2½ inches, second sowings 3 inches and late ones 4 to 4½ inches. When the weather is very warm and the soil dry if seeds have been soaked overnight in advance of sowing, or if they are well sprinkled with a hose or watering can before covering it will materially assist germination. Between June 5 and July 15 it is not advisable to sow Peas, but about July 15 to 25 a sowing of a dwarf wrinkled variety can be made and may give a fair crop in late September. Wrinkled peas being more delicate than the round ones should be sown a little later. Use supports for all but the very Dwarf Peas. This may consist of birch, wild cherry and other forms of brush, wire netting of a wide mesh, or strings attached to a stout overhead wire. Where obtainable brush gives the best form of support. Two pounds of peas will plant about 100 feet of drill; 90 lbs. to the acre.

Peas by the packet 20c post-paid. At the prices quoted below we do not deliver peas purchased by the one pound, two pounds, or bulk price.

## EARLY VARIETIES (Dwarf)

⊕**HUNDREDFOLD.** In growth similar to Pioneer but foliage darker. Pods grow 4 to 4½ inches in length. Well filled, color very dark green. Height of vines 2 feet, making a very compact growth. Recommended for small home gardens because the variety requires no brush or stakes. Very productive. Has proven to be most satisfactory in this section of the country. Lb. 50c; 2 lbs. 85c; 7 lbs. \$2.80.



Peas Hundredfold

INOCULATE ALL PEAS  
BEFORE PLANTING  
with  
STIMUGERM



Peas Laxtonian

**Laxtonian.** One of the best dwarf wrinkled peas for the market gardener. Pods about 4 inches long, resembling those of Gradus, but ripening a little earlier. Vines productive and vigorous; average height less than 18 inches. 1 lb. 60c; 2 lbs. \$1.00; 7 lbs. \$2.80.

⊕**LAXTON'S PROGRESS.** Improved Laxtonian type, introduced originally from England. Considered by most experts the finest early dwarf wrinkled pea, averaging nine to ten peas in the pod. Vines grow about eighteen inches in height. Color dark green. Most productive. 1 lb. 50c; 2 lbs. 90c; 10 lbs. \$4.00.

**Little Marvel.** An extra early dwarf wrinkled pea, fast becoming popular in this locality. Vines bear a profusion of blunt-ended pods, well-filled with large peas of fine quality. 1 lb. 40c; 2 lbs. 75c; 7 lbs. \$2.40.

**Nott's Excelsior.** The standard of quality in home gardens. No other dwarf wrinkled pea is as widely planted. Vines of regular habit and about 14 inches high. 1 lb. 40c; 2 lbs. 75c; 7 lbs. \$2.50.

⊕**PIONEER.** An improvement on the popular Laxtonian. Vines about 20 inches high; color light green. Vigorous growth. The pods pointed and a little darker in color than the vine. Considered fully four days earlier than Laxtonian. 1 lb. 60c; 2 lbs. \$1.00; 7 lbs. \$2.80.

**Sutton's Excelsior.** An early dwarf, wrinkled pea with exceptionally large pods. Matures as early as Nott's Excelsior and is its equal in quality. 1 lb. 40c; 2 lbs. 75c; 7 lbs. \$2.40.

## EARLY VARIETIES (Semi-Dwarf and Tall)

**Alaska.** An extremely early, smooth, blue pea. Vines about 2 feet high; dark green pods, well filled. 1 lb. 30c; 2 lbs. 50c; 7 lbs. \$1.50.

⊕**BRECK'S OLD GLORY.** Superior to all other extra early varieties in size, quality, and productivity. A favorite market garden sort. Long, dark green pods packed with large, slightly wrinkled peas; vines tall growing and vigorous. 1 lb. 30c; 2 lbs. 50c; 7 lbs. \$2.50.

**Gradus or Prosperity.** The most popular early variety among both private and market gardeners in this locality. Pods large pointed and uniform in shape; peas of fine flavor. Vines from 2½ to 3 feet in height. 1 lb. 50c; 2 lbs. 85c; 7 lbs. \$2.80.

⊕**Market Surprise. (Eclipse).** An extra early, almost smooth variety. Usually matures about seventy days from planting. Pods 4 inches long; vines grow to the height of about 40 inches. Excellent flavor; gives highly satisfactory results in Massachusetts. 1 lb. 40c; 2 lbs. 75c; 7 lbs. \$2.40.

# GARDEN PEAS

## EARLY VARIETIES (SEMI-DWARF AND TALL)—Continued

**Pilot.** An extra early, round-seeded or smooth Pea. Can be planted as soon as the ground can be worked. Pods as large as the Gradus. Very prolific, highly recommended as an extra early market sort. 1 lb. 40c; 2 lbs. 75c; 7 lbs. \$2.50.

**THE RECORD.** A popular large-podded extra early, wrinkled pea which matures several days earlier than the well known Gradus. Its growth is quite similar to that of Gradus but somewhat dwarfer and stouter; pods uniformly large, measuring 4½ to 5 inches nearly round and packed with handsome wrinkled peas of the finest flavor. The Record is an especially valuable sort for market gardeners because the Peas will remain in good condition a remarkably long time after picking. 1 lb. 50c; 2 lbs. 85c; 7 lbs. \$2.80.

**Thomas Laxton.** This reliable pea is similar in type to Gradus, but has darker foliage and square-ended pods. Although a wrinkled sort of excellent quality it may be planted about as early as smooth varieties. 1 lb. 50c; 2 lbs. 85c; 7 lbs. \$2.80.

## SECOND EARLY VARIETIES

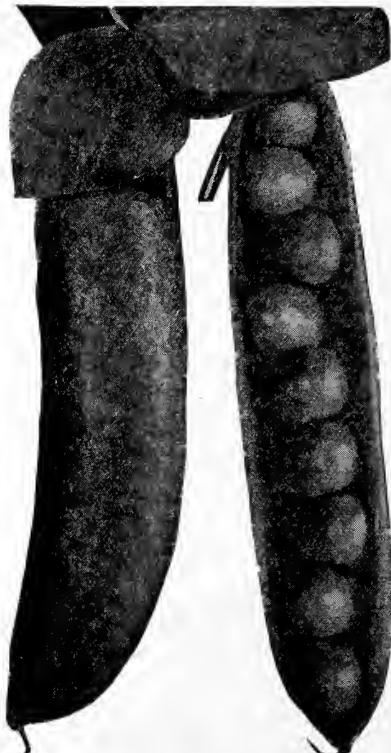
**ALDERMAN.** One of the most satisfactory varieties for early main-crop. Pods long, filled with large wrinkled, deep green peas of superior quality. Height 4 to 5 feet. 1 lb. 40c; 2 lbs. 70c; 7 lbs. \$2.25.

**DWARF TELEPHONE.** (Daisy). Pods large, peas wrinkled, sweet and tender; a profuse bearer, height 18 inches. 1 lb. 40c; 2 lbs. 70c; 7 lbs. \$2.25.

**Dwarf Champion.** A wrinkled pea quite similar to the well known Champion of England excepting that the vines are only 2 to 2½ feet in height. 1 lb. 40c; 2 lbs. 75c; 7 lbs. \$2.40.

**Everbearing.** An excellent variety for private growers. Peas large, wrinkled, and of fine flavor. Height 3 feet. 1 lb. 50c; 2 lbs. 85c; 7 lbs. \$2.80.

**McLean's Advancer.** A dwarf, green, wrinkled marrow pea of fine flavor. Popular in the vicinity of Boston. 1 lb. 30c; 2 lbs. 55c; 7 lbs. \$1.65.



Peas Alderman

## MAIN AND LATE CROP VARIETIES

**Admiral Dewey.** A splendid large podded, wrinkled pea of fine quality. Height 4 feet. 1 lb. 40c; 2 lbs. 70c; 7 lbs. \$2.40.

**BRECK'S IMPROVED TELEPHONE.** This is a distinct and desirable improvement on ordinary Telephone. It is the result of careful breeding and selection. Notwithstanding their size, these wrinkled peas are sugary, rich and tender. Height 4 feet. 1 lb. 40c; 2 lbs. 70c; 7 lbs. \$2.25.

**Champion of England.** An old favorite which bears profusely; peas wrinkled. Few late varieties are its equal in quality. Height about 4 feet. 1 lb. 35c; 2 lbs. 65c; 7 lbs. \$2.00.

**Quite Content.** Considered the latest maturing variety in cultivation. Pods are larger and longer than any, but closely resemble Alderman in general appearance; quality good; prolific; rank growth of vine, requires plenty of room for best development. Pods are usually borne in pairs. 1 lb. 60c; 2 lbs. \$1.00; 7 lbs. \$3.00.

**SUTTON'S SUPER V. C.** Considered the largest podded garden pea ever produced. See Specialty pages 53, 54, 55. 1 lb. 60c; 2 lbs. \$1.00; 7 lbs. \$3.00.

**Sugar or Edible Podded.** Grows about 2½ feet high, pods soft, tender and edible, not over 3 inches in length, pale green containing 5 to 7 peas. 1 lb. 40c; 2 lbs. 70c; 7 lbs. \$2.25.

## BRECK'S "LONG SEASON" COLLECTIONS OF GARDEN PEAS

We cannot allow any changes in the varieties included in these Collections. Breck's Old Glory Peas. Extra Early. Dwarf Telephone. Midseason.

Laxton's Progress. Early.

Champion of England. Late.

One pound each of the above four superb Garden Peas for \$1.50. (\$1.75 postpaid anywhere in New England).

Two pounds each of the above four superb Garden Peas for \$2.50. (\$2.75 postpaid anywhere in New England).

Full descriptions of the Peas in these Collections will be found on Pages 75 and 76.



Peas Breck's Improved Telephone

# POTATOES

Prices subject to frequent market changes.

**CULTURAL DIRECTIONS.** The Potato crop is by far the most important of all vegetable crops. While potatoes can be successfully grown on almost all types of land, the ideal soil is a deep, but rather light loam, inclined to sandiness. Applications of fresh manure near planting time will produce very scabby tubers; on the whole commercial fertilizers are much preferable to animal manures of all kinds. Early varieties may be planted just as soon as the ground is ready; main crop varieties as late as June. It is advisable to use carefully selected seed, and this seed should be treated with Semesan Bel before planting. Cut tubers into portions containing one good eye each. Drop the cut sets 12 to 15 inches apart in the furrows, and cover 4 inches. Furrows should be a yard apart. A thorough cultivation should be given at least once before tops appear in order to kill numerous small weeds, and frequent loosening of the soil between the furrows is essential to good culture. Soil should be gradually thrown up about the plants commencing when they are 4 to 6 inches high. 1 peck will plant approximately 150 feet of row, 10 bushels to the acre.

Prices for all the following varieties (carriage extra) 15 lbs. for 75c; 60 lbs. for \$2.50; 120 lbs. for \$4.50. A bushel of potatoes weighs 60 lbs.

The Certified Irish Cobbler and Green Mountain Potatoes supplied by us are shipped in full bags of two bushels or 120 pounds with the blue tag attached by the Inspector from the Agricultural Department of the State of Maine which certifies that the Potatoes have been carefully grown, sorted and inspected under the supervision of the Department of Agriculture for the State of Maine, insuring stock which is practically free from disease, of vigorous growth and true to name and type. We recommend planting only the Certified stock of these two varieties. The other varieties catalogued cannot be supplied at present as Certified Stock.

## EARLY VARIETIES

**Early Ohio.** A splendid sort about a week earlier than Early Rose. Red skin, dry, mealy; one of the best for early market.

**IRISH COBBLER.** (Certified Stock). The most popular and reliable early white sort. Quite round with deep set eyes. Distinct type.

**Early Rose.** Red skin, standard early variety. An old favorite in New England.



Green Mountain Certified Stock

## MEDIUM EARLY VARIETIES

**Delaware Beauty.** Very large, white throughout, and extra quality.

**New Queen.** White variety of mealy texture.

**Norcross.** Splendid sort, uniform size.

## LATE VARIETIES

**GREEN MOUNTAIN** (Certified Stock). Large, handsome white potato; main crop; the standard winter variety.

**Miller's Prize.** A main crop, white variety. Considered by many better than the Green Mountain.

**Rural Russet.** A selection of the well known Dibble's Russet. Has a strong vine, deep rooted. Plants resist blight and drought. Tubers excellent keepers, quality unsurpassed.

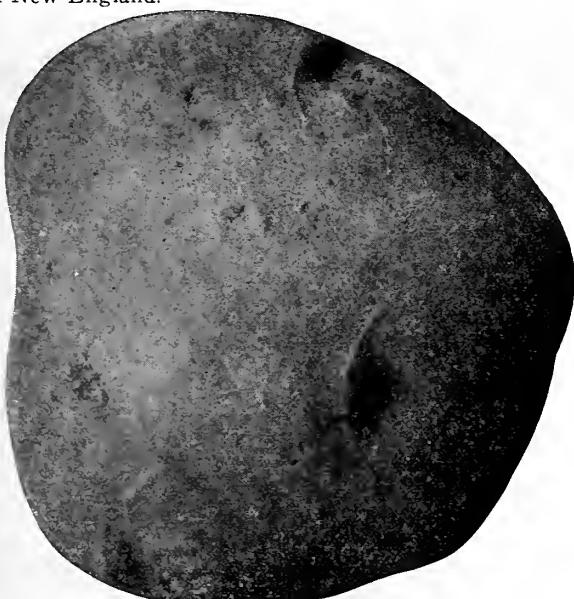
**Carmen No. 3.** Large, smooth, white.

**Spaulding Rose.** Red skin, late maturing; considered the best keeping sort. Potatoes large, smooth, excellent quality.

## SWEET POTATOES

**CULTURAL DIRECTIONS.** Although Sweet Potatoes are but little grown in the Northern States they succeed very well if given a light, well drained and warm soil. The cuttings should be planted on ridges 6 inches above the level of the soil and 4 to 5 feet apart. The ridges can run 3 to 3½ feet apart. Planting must be deferred until all frost danger has passed.

**Nansemond.** Best sort for New England. Plants per 100, \$1.25; per 1000, \$10.00: add 15c per 100 if wanted by parcel post.



Irish Cobbler Certified Stock

## SEMESAN BEL

Just Dip Your Potatoes—and Plant

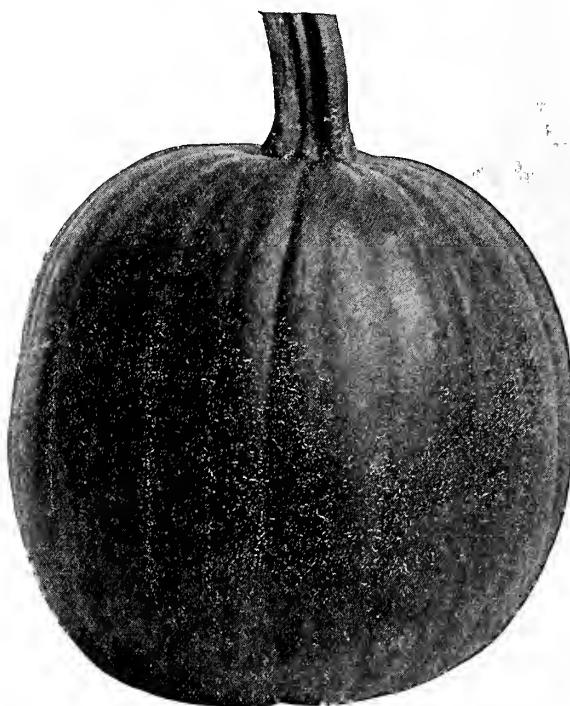
Instantaneous Dip Treatment With SEMESAN BEL Requires No Soaking—No Expensive Equipment—No Extra Labor.

Semesan Bel mixes readily with cold water and the treating mixture retains its antiseptic strength to the last drop.

One pound of Semesan Bel will make 10 quarts of dip which will treat approximately 22 bushels of whole or large seed pieces and about 16 bushels of small or cut seed.

The disagreeable task of disinfecting seed potatoes by means of old-fashioned, time-consuming soak treatment can now be eliminated.

4 oz. 50c; lb. \$1.75; 5-lbs. \$8.00.  
Can be shipped only by freight or express.



Pumpkin Sweet Sugar

## PUMPKIN

**CULTURAL DIRECTIONS.** Pumpkins require to be grown in hills 8x8 feet apart and seed should be sown late in May, seedlings being reduced to 2 or 3 to each hill. The small varieties like Winter Luxury and Sugar are excellent for pies while the larger field varieties are valuable for live stock on the farms. One ounce of seed will plant about 30 hills; 4 lbs to one acre.

### TABLE VARIETIES

★**SWEET SUGAR OR PIE.** Round, small, skin and flesh deep orange in color. Quality excellent. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

**Winter Luxury.** Round, slightly larger than the Sweet Sugar variety. Color russet yellow, flesh thick, firm and excellent quality. A very fine winter sort. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

### FIELD VARIETIES FOR FEEDING STOCK

**Connecticut Field.** Very productive; largely grown for feeding stock. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

**Mammoth King.** This variety often weighs over 100 lbs. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**Mammoth Tours.** Fruit large, often weighing 100 lbs.; shape round, with faintly marked ribs, skin smooth. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**Pumpkin Seed for Medicinal Purposes.** Oz. 10c; lb. \$1.00.

## RHUBARB

**CULTURAL DIRECTIONS.** Rhubarb may be raised from seeds sown in drills in Spring. Seedlings should be thinned to a foot apart, and plants moved in the Autumn to their permanent quarters. Usually propagation is by division of the roots of good fixed varieties. This may be done just as well in Autumn as in Spring. To succeed with rhubarb it must be very heavily manured. In fact it will stand and appreciate more stimulants than any other member of the vegetable family. One ounce of seed will sow 100 feet of drill.

For Rhubarb Roots see Page 83

**Linnaeus.** Early, large and tender. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.00.

**Victoria.** Very large, later than Linnaeus. Pkt. 10c; oz. 60c;  $\frac{1}{4}$  lb. \$1.25.

## RADISH

**CULTURAL DIRECTIONS.** An early crop of radishes may be had in the cold frame or hotbed. Outdoors the first sowing should be made as early as the ground is ready. To insure clear roots avoid stiff, heavy, wormy or heavily manured ground. The cleanest radishes will be had from light, sandy and fairly well enriched soils. In the hot summer months it hardly pays to sow radishes as they get tough so quickly, but after August 10 sowings outdoors can be made until late in September. The large varieties of radish like Stuttgart and Black Spanish may be stored in sand over winter in a cool cellar. One ounce of seed will sow 100 feet of drill; 10 lbs. to the acre.

**Long Scarlet Short Top.** Long and crisp, fine. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c; lb. \$1.75.

**Olive-Shaped Deep Scarlet.** Early, fine for open ground. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

**Turnip-Shaped Crimson Giant Forcing.** Best of forcing sorts. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

★**SAXA.** Undoubtedly the outstanding extra early forcing sort. Roots are round, bright scarlet, and have a very small top. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

★**SCARLET GLOBE.** Excellent for forcing or for planting in the open. Roots large, globular in shape, a deep scarlet and very crisp and mild. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c; lb. \$1.75.

★**LONG ICICLE.** Pure white, of fine flavor, suitable for forcing. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

★**White Giant Stuttgart.** Oval-shaped, large, mild and tender. For late Summer and Autumn use. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

**Early Scarlet Turnip.** Very early and crisp. Pkt. 10c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

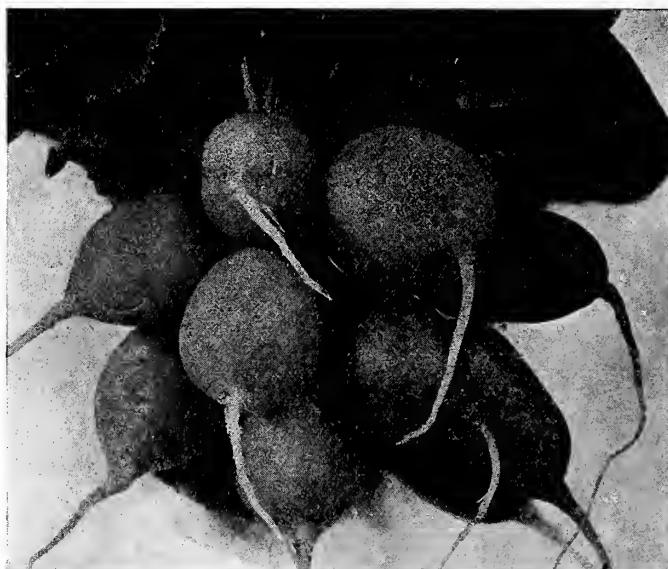
**Early Scarlet Turnip White Tipped.** Very early. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c; lb. \$1.75.

**French Breakfast.** Early, scarlet with white tip. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

**Long Black Spanish.** The most popular winter sort. Pkt. 10c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

**Round Black Spanish.** A fine winter variety. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

**White Strassburg.** One of the large white summer radishes which continues crisp from the time the raddish is comparatively small until matured. Roots 4 to 6 inches long. When about matured the roots are thick at the shoulder and taper to a blunt point. Desirable because roots can be kept in marketable condition for some time. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.



Radish Scarlet Globe



Spinach Bloomdale Savoy

## NEW ZEALAND SPINACH

*Tetragonia expansa*

This plant is generally considered a Spinach but it is not botanically related to this family. The plants have a spreading growth with many side shoots and it is a true cut and come again vegetable. The leaves are small, very thick and tender when young. The plant is robust and extremely drought resistant and will grow on poor soils and produce an abundant crop of greens.

CULTURAL DIRECTIONS. A vegetable which should be started indoors and planted out after frost danger has gone. It is well to soak the seeds in warm water a few hours before planting. Allow 24 to 36 inches between the plants which make a very rapid growth and can be kept constantly cut until Autumn. Seeds may also be started outdoors but will he later in giving a crop. As seedling plants of New Zealand Spinach are difficult to transplant, the seed may be sown in Growell pots to advantage and later transferred to the open ground without setback.

*Tetragonia expansa*. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 85c; lb. \$2.50.

## SCORZONERA (Black Salsify)

CULTURAL DIRECTIONS. This vegetable should be cultivated in the same manner as Salsify, but being a little more difficult to raise, is rarely grown except by private gardeners. Though the roots have black skins, the flesh is white and very tender. Scorzonera may be cooked in the same ways as Salsify, and many people consider it superior in flavor.

*Scorzonera Hispanica*. Pkt. 10c; oz. 50c.

## SWISS CHARD

CULTURAL DIRECTIONS. This member of the beet family is useful on account of its large foliage and broad leaf blades with succulent stems. The fleshy portion may be cooked like asparagus and the tender young leaves utilized for greens like Spinach. Very early sowing will sometimes cause a portion of the plants to bolt to seed, but after the end of April this will not occur. Seedlings require severe thinning and should stand at least a foot apart. Stems will be more tender if the leaves are tied together with raffia or soft twine.

**Blonde.** A variety having a broad white midrib with yellowish green leaves quite distinct from other varieties and useful for exhibition purposes because of the peculiar color of the leaves. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$1.75.

**Giant or Perpetual.** Broad light green leaves, tall growing, with somewhat less pronounced midrib than other varieties. Quality excellent. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$1.75.

**GLUCULLUS.** Plants of this variety are of robust growth attaining a height of two to two and one half feet. The stalks are thick, of a creamy white color, and heavily ribbed. The leaves are very large, of a rich green color and heavily crumpled. This is the most decorative variety for growing in the home garden and it is also valuable for exhibition. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$1.75.

## SPINACH

CULTURAL DIRECTIONS. Spinach, to be succulent and tender, must have a really rich soil. This rule applies to all leafy vegetable plants but to none more than Spinach. Sow seeds for an early crop just as soon as the ground can be worked and make successive sowings until the end of May. In very hot dry weather this crop runs quickly to seed, but after August 10 a good Autumn crop can be started. In September sow a batch to stay out over Winter for Spring use. Mulching is necessary after the ground freezes. 1 oz. will sow 50 feet of drill. 12 lbs. to one acre.

**Bloomsdale Savoy.** Early, hardy with large leaves curled and wrinkled and very dark green. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.

**Giant Round, thick-leaved.** Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.

**KING OF DENMARK.** Of Danish origin, a selection from the best types of Long Standing varieties. Introduced to New England about four years ago, its popularity is steadily increasing. Medium early, rapid growing, resembles Long Standing in type but leaves are more crumpled or blistered and of a dark green color. Will remain in good condition for cutting for about two weeks after other varieties have bolted to seed. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.

**Long Standing.** Leaves large, thick deep green and slow to shoot to seed. Very good for early Spring planting. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.

**Prickly, or Winter.** Recommended for Autumn sowing. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 25c; lb. 85c.

**PRINCESS JULIANA.** Leaves large, rounded, very thick, blistered and crumpled. Color very dark green. Excellent quality and slow to shoot to seed. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$1.50.

**Victoria.** Very dark colored leaves, fine variety for spring sowing, later than Long Standing. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.

### EVERGREEN

Kills plant insects and is harmless to man. A sure cure for the severest attacks from *Aphis*.

1 oz. bottles 35c; 6 oz. bottles \$1.00; 16 oz. bottles \$2.00; 32 oz. bottles \$3.50.

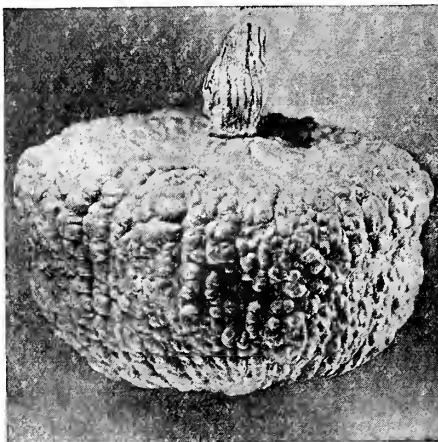
## SALSIFY—Oyster-Plant

CULTURAL DIRECTIONS. The roots of this vegetable have a distinct oyster-like flavor, hence the name Oyster Plant. They may be stewed, fried or boiled and are quite delicious. The roots are very hardy like parsnips and therefore may be left in the ground over winter. Seeds of salsify should be sown in drills 15 to 18 inches apart, covering seeds one inch and thinning seedlings to 6 inches apart. Light sandy ground will give the straightest, cleanest and best appearing roots. Fresh manure will make roots branch very hardly and be more or less scabby. Use fertilizer rather than manure for this crop and sow seeds in early Spring for best results. One ounce of seed will sow 50 feet of drill; 10 lbs. to the acre.

**Breck's Improved Long White.** Roots of medium size, white and smooth. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. \$1.00.



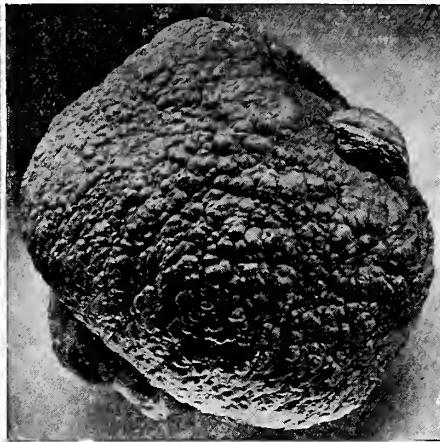
Swiss Chard Lucullus



Warren Turban



Blue Hubbard



Orange Marrow

**CULTURAL DIRECTIONS.** All of the squashes delight in a warm, rich and well pulverized soil. Seeding must be deferred until frost dangers have passed. Hills 4 feet apart each way will suffice for the bush varieties but the running section should have a space of 10x10 to grow in. This especially applies to the good Winter varieties like Blue Hubbard, Marblehead, and Marrow. Leave 2 to 3 seedlings to each hill when thinning out. Hill up the joints of plants as they grow to prevent the attacks of the squash borer from destroying them. Summer: 1 oz. to 40 hills; 2 lbs. to the acre. Winter: 1 oz. to 20 hills; 4 lbs. to the acre.

### SUMMER VARIETIES

• **GIANT SUMMER STRAIGHTNECK.** Similar in appearance to the Crookneck except that the fruit is straight making this a very fine sort for packing. Highly recommended. See Vegetable Specialties. Pkt. 25c; oz. 75c;  $\frac{1}{4}$  lb. \$2.50.

• **Giant Summer Crookneck.** Early, productive, with large fruits of a deep orange color. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

**Golden Summer Crookneck.** Earlier than the Giant Crookneck, about 12 inches long, hard shell when ripe, color bright yellow. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.00.

**Mammoth White Bush.** The best for early use. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

**Yellow Bush Scallop.** A summer sort. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.

**Boston Greek.** Summer variety, color dark gray-green, shape oblong. Pkt. 10c; oz. 75c;  $\frac{1}{4}$  lb. \$2.50.

**Cocozella Longe.** Fruits cream color two to three feet long. About four inches in diameter. Ornamental when trained over trellises. The favorite Italian Marrow. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.



Des Moines

### SQUASH

• **Cocozella.** (The Italian Vegetable Marrow). Bush habit. Squash about 20 inches long. Skin smooth, flesh green. Color marbled light and dark green. Fruits are in best condition for the table when six to eight inches long. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

**Vegetable Marrow.** A favorite English sort, distinct, flesh white. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.00.

### WINTER VARIETIES

**Bay State.** Style of Essex Hybrid, color blue, good for Autumn and Winter. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 85c; lb. \$3.00.

**Boston Marrow.** Follows the summer sorts in season, a good autumn and winter sort. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$1.50.

**Delicious.** A medium-sized, autumn and winter squash with thick fine-grained yellow flesh. Skin usually uniform dark green, but occasionally lighter and somewhat mottled. Many people consider it superior to the Hubbard in dryness, sweetness, and flavor. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**Early Prolific or Orange Marrow.** Early, distinct, suitable for Autumn or Winter use, fine quality. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.00.

• **DES MOINES OR TABLE QUEEN.** The vines are vigorous; squashes small, acorn shaped; color dark green, almost black; size about 6 inches long and 4 inches in diameter; prolific. Quality excellent. Pkt. 15c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.

**Hubbard.** Deservedly the most popular variety of winter squash in all parts of this country. Its orange-yellow flesh is always rich in flavor, sweet and dry. Vines strong and productive. The dark green oblong squashes of our superior strain often weigh from 10 to 25 pounds each. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

• **HUBBARD, BLUE.** Hard shell, thick meat. Dry and fine quality, favorite winter sort for Boston Market. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50.

**Hubbard, Golden or Red.** Wonderful keeper. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**Hubbard, Mammoth Warted.** Large, warted, keeps well, fine quality. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**Marblehead.** Light blue, very productive and a fine keeper; oblong in shape. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**Warren Turban.** Hard shell, dry meat, color orange. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.50; lb. \$4.00.

#### BLACK LEAF "40"

Will Control the Squash Vine Borer

Squash Vines should be thoroughly sprayed under and over the leaves with a solution of Black Leaf "40." Spray once a week from the middle of June through July using one ounce of Black Leaf "40" to six gallons of water or one-half pound to fifty gallons.

# TOMATO

**CULTURAL DIRECTIONS.** Seeds sown in a greenhouse, hotbed or warm window about March 15 will furnish seedlings which can later be pricked off into flats of rich soil allowing 3 to 4 inches apart each way for the plants to develop. Plants must be gradually hardened off and planted out after frost dangers have passed which is usually about May 24 in the vicinity of Boston, although occasionally freezing weather will occur even later than this. Plants may be set out 4 feet apart each way when allowed to ramble over the ground. A very much better plan to adopt by amateurs is to plant in rows 3 feet apart and allow only 24 to 27 inches between the plants. Drive a stout stake in for each plant, or use a few pieces of 2x4 lumber, driving these in at intervals of 5 to 6 feet and stringing old telephone wire at intervals of 10 to 12 inches along them. Laths may be used if preferred. To these tie the main stem of each plant and allow in addition two side shoots or laterals to grow. Later tie these in and rub off all other laterals and side shoots as they appear and tie plants up loosely once in 10 days. Tomato plants will easily attain a height of 6 or more feet. The tops should then be pinched out. Tomatoes trained in this way are very ornamental; they will ripen earlier than when allowed to ramble over the ground, and give a very much heavier yield of high class fruits. Light warm soils give the earliest fruits, but heavier land will give the greatest yield. The small fruited tomatoes may be tied to poles and will attain a height of 8 to 9 feet in a generous soil. One ounce of seed will produce about 2000 plants; 3 oz. to the acre.

## For Tomato Plants see page 83

**Breck's Balshire.** This variety resulted from crossing Balch's Fillbasket and Lister's Prolific. It is far superior to the latter parent in that it is a heavier cropper, of better shape, and shows less tendency to crack. In a recent trial under glass some of the plants carried at least 40 lbs. of fruit. We recommend it strongly either for forcing or for out-door culture. Pkt. 25c; oz. \$4.00.

•**BRECK'S BELMONT.** The best early, either for forcing or open ground cultivation, fruit bright scarlet, few seeds, finely flavored and solid. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.50.

**Sunrise.** An immense cropper, good form and size; a smooth, solid, bright red variety; recommended for forcing. Pkt. 15c; oz. 60c;  $\frac{1}{4}$  lb. \$2.00.

**Chalk's Early Jewel.** Extra early, bright red, fine flavor and very productive. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.

**Comet.** Splendid for forcing, very prolific. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.

**Dwarf Champion.** Dwarf and strong habit of growth, very solid and of extra quality. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. \$1.00.

**Dwarf Stone.** The largest dwarf sort. Fruit bright scarlet. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.25.

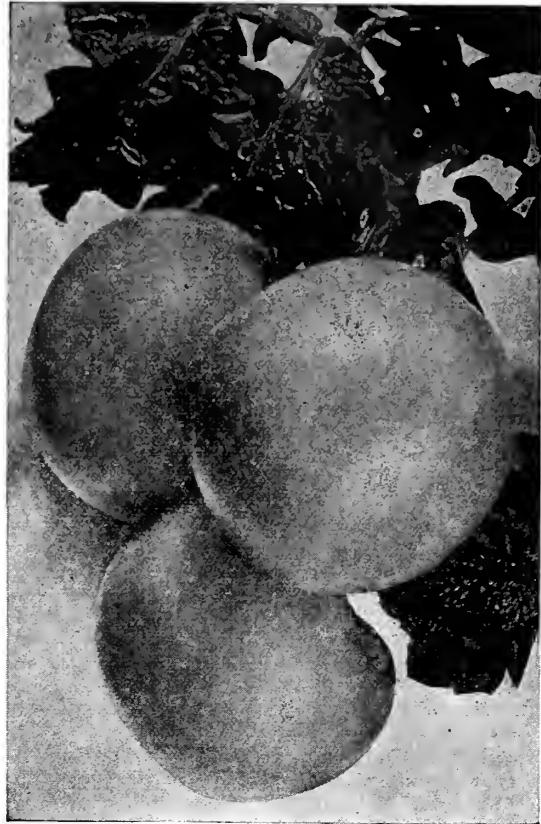
**Earliana.** Earliest and best bright red tomato; smooth and firm. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.25.

**Golden Queen.** Good size and quality, bright yellow color. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.25.

•**JOHN BAER.** A most profitable variety for the market gardener. The fruit is nearly round, color clear scarlet, and of large size for an early tomato. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.75.

**Ponderosa.** Large solid purple fruit. Few seeds: one of the best late sorts for the home garden. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.25.

•**BONNY BEST.** Very early, coming in with the Earliana. Plants vigorous and most productive. Fruit medium to large, very smooth, solid, uniform shape, color bright scarlet, quality excellent. Fruit ripens very uniformly. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.



Tomato Early Avon

## EARLY AVON

An attractive early scarlet fruited tomato, the equal of Earliana for earliness, of better appearance, and bearing over a longer period. A wonderful variety both for forcing and for outdoor culture. Pkt. 15c; oz. 60c;  $\frac{1}{4}$  lb. \$2.00.

•**Stone.** The standard late sort. Plants very vigorous, producing a heavy crop of large, slightly flattened, solid bright red fruit. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.25.

**Stirling Castle.** Excellent for forcing, medium size, scarlet in color. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.

## SMALL FRUITING VARIETIES

•**Pear Shaped, Red.** Solid, handsome fruit, good preserving variety. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.25.

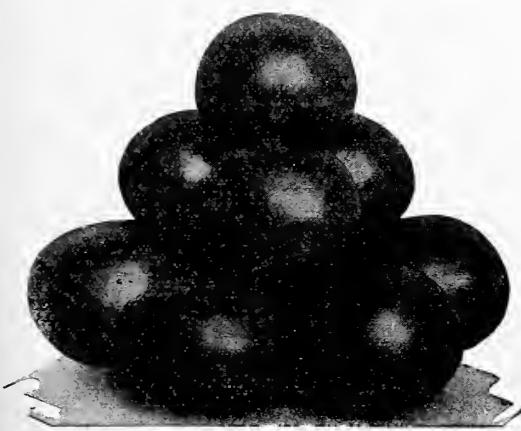
**Plum Shaped, Yellow.** Used for salads and pickling. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.25.

**Red Cherry.** A small early variety, used for pickling. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.25.

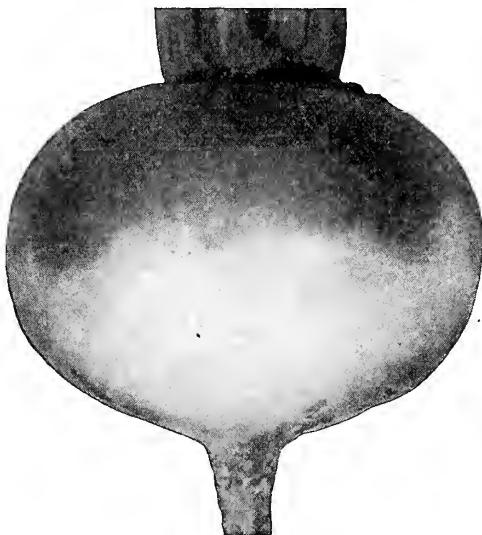
**Red Currant.** Very small, used in preserves. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.50.

**Strawberry Tomato or Winter Cherry.** (Also called "Ground Cherry.") Fruit grows in a husk and will keep all Winter. It has a pleasant strawberry-like flavor. Used for preserving and sauce. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.25.

**Yellow Cherry.** Same as Red Cherry except for color. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. \$1.00.



Tomato Comet



Turnip Purple-Top White Globe

**Purple-Top Milan.** Earliest of the flat Red-Tops; small strapped leaves; white, tender flesh. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

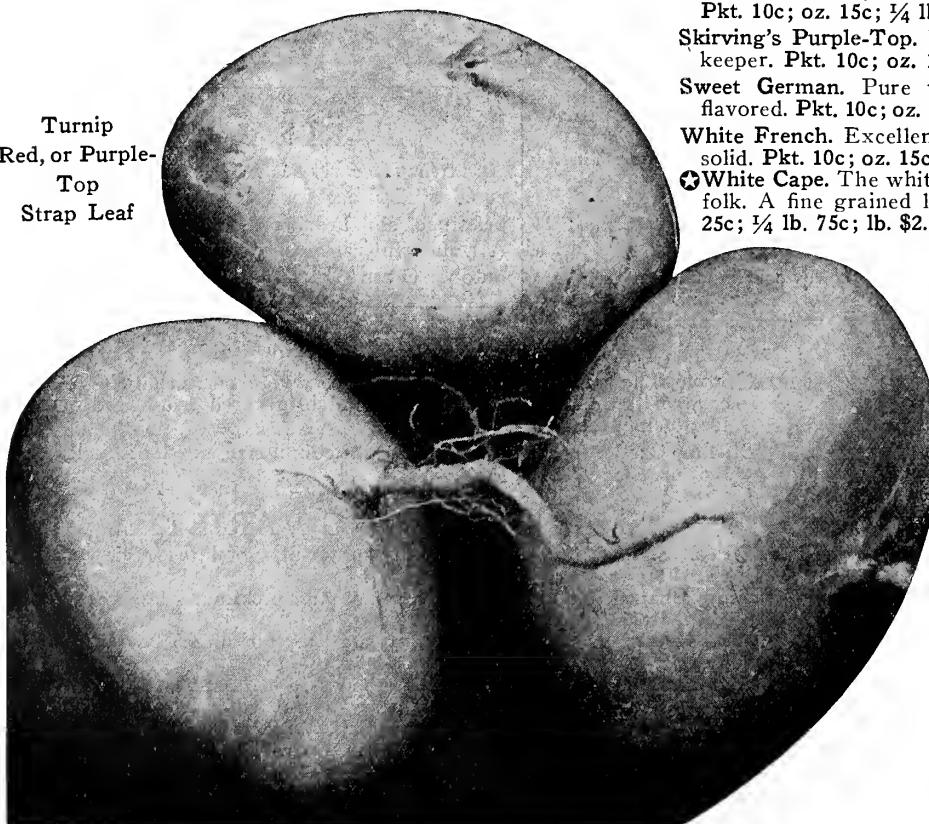
**Purple-Top White Globe.** Round, handsome, of superior quality. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 40c; lb. \$1.00.

★**Red, or Purple-Top Strap Leaf.** The best of the flat turnips. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 40c; lb. \$1.00.

**Seven Top.** Cultivated for the tops only. Cut for salads and green also for stock feed. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 40c; lb. \$1.

**White Egg.** A handsome egg-shaped white variety, grows large. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 40c; lb. \$1.00.

Turnip  
Red, or Purple-  
Top  
Strap Leaf



## TURNIP

**CULTURAL DIRECTIONS.** Spring sown turnips are grown to but a limited extent as they lose their quality and are often bitter and very tough with the advent of hot, dry weather. For an early crop sow seeds early in April, scatter seeds as thinly as possible and thin out to 4 or 5 inches apart. The Ruta Baga or Swedish turnips should be sown between June 15 and July 10 for best results. They need a fairly long growing season and will continue to grow until early November. They are very popular for winter use. The earlier maturing turnips can be sown as late as August 25 and will make nice roots before growth ceases. Light sandy soils do not grow the largest turnips but they possess much the best flavor. Seeds should be covered one inch. In the case of the strong growing Ruta-Bagas seedlings should be thinned to 10 or 12 inches apart and rows must be at least 24 inches apart. The small varieties can be sown as closely as 12 to 15 inches apart. One ounce of seed will sow 150 feet of drill; two pounds, one acre in drills; two pounds will also sow one acre broadcast.

**Early Snowball.** A very fine first early variety, producing a small globe-shaped root, free of all coarseness and pure white. A quick grower, recommended to the home gardener because of its neat habit of growth and its superior quality. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$1.50.

**Golden Ball.** A small golden-yellow variety with flesh of the finest texture. Early, of medium size, and unsurpassed for table use. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**Long White, or Cow Horn.** Flesh white, fine-grained and sweet, and of excellent quality. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.25.

**White Top Milan.** The earliest of all turnips, very mild flavor. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**Yellow Aberdeen.** Very hardy and productive; good for stock and table; keeps well. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

### RUTA BAGA or SWEDISH TURNIP

**Budlong Swede.** Choice strain, white. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.00.

★**IMPROVED AMERICAN.** Flesh yellow, solid, sweet, and fine flavor. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.00.

**St. Andrews'.** A yellow fleshed variety of excellent quality. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.00.

**Skirving's Purple-Top.** Large, yellow, firm flesh, sweet, good keeper. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.00.

**Sweet German.** Pure white, very solid, sweet, mild, well flavored. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.00.

**White French.** Excellent for table or stock. Firm, white and solid. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.00.

★**White Cape.** The white Ruta Baga required by all Cape Cod folk. A fine grained large, solid Winter sort. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

## TOBACCO

**CULTURAL DIRECTIONS.** Seeds should be sown early in the Spring in frames or seed bed. Use rich garden soil, fine and well sifted, adding a liberal quantity of Wood Ashes as a fertilizer. Cover seed very lightly. When plants have reached good size and the weather is warm and settled transplant from the frame to the open ground, setting the plants in rows four feet apart. Cultivate frequently following the same method of cultivation as is used for Field Corn or Sweet Corn. One ounce of good seed of strong germination will usually produce enough plants in seed bed to plant one acre of ground in the field.

**Connecticut Seed Leaf.** The popular New England variety. Leaves are of good size, wide and long, growing close on the stalk. Considered one of the best varieties for cigar wrappers. Pkt. 10c;  $\frac{1}{2}$  oz. 30c; oz. 50c.

**Havana.** This is imported seed of the very finest strain, and we can heartily recommend it to all tobacco growers. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. \$2.00.

# VEGETABLE PLANTS & ROOTS

**Carriage Extra.** (All Plants Shipped at Customer's Risk). All are especially grown for our trade from choicest strains of seed. We shall be pleased to quote special prices for larger quantities.

## ASPARAGUS ROOTS

Washington. Selected Native Grown; 2 year old roots.  
Per 100, \$2.50; per 1000, \$20.00.

## CABBAGE PLANTS

From hot-beds, ready about first week in April

Doz. 30c; per 100, \$1.50; per 1000, \$12.00

Early Jersey Wakefield Stone Mason  
Henderson's Summer Fottler's Brunswick

For Winter Crop, ready July

Per 100, \$1.00; per 1,000, \$7.50.

Savoy American Improved Stone Mason  
Fottler's Brunswick

## CAULIFLOWER PLANTS

Doz. 30c; per 100, \$2.00; per 1000, \$15.00

Breck's White Bouquet Breck's Snowball

## CELERY PLANTS

Doz. 25c; per 100, \$1.25; per 1000, \$10.00

Boston Market Giant Pascal  
Golden Self-Blanching White Plume

## CHIVE PLANTS

Used for flavoring soups, etc. Each 25c; doz. \$2.50.

## EGG-PLANT PLANTS

Doz. \$1.00; per 100, \$7.00

New York Improved Black Beauty

## HORSE-RADISH SETS

Maliner Kren. The famous Bohemian variety, growing in popularity here and recommended for the home garden.  
Doz. 30c; per 100, \$1.50.

## POPCORN

### OLD HOMESTEAD

For Pop-corn Balls, Candied Pop-corn and Nuggets.  
Per 1-lb. package ..... Net \$0.12  
Per case of 24 packages ..... Net 2.40

## BIRD SEEDS FOR FEEDING—NOT FOR SEED

Prices quoted do not include parcel post or express charges.

Breck's Choice Mixed Bird Seed. In packages packed by us; only best recleaned seed used. Pkt. 20c; doz. \$2.00.

Breck's Mixed Parrot Food. Lb. 20c; 100 lbs. \$15.00.

Canary Seed. Choice Recleaned. Lb. 15c; 100 lbs. \$10.00.

Hemp Seed. Recleaned Russian. Lb. 12c; 100 lbs. \$10.00.

Rape, Bird. Lb. 15c; 100 lbs. \$14.00.

Rape, English. Lb. 20c; 100 lbs. \$16.00.

Mixed Bird Seed. In Bulk. Lb. 15c; 100 lbs. \$12.00.

Lettuce, for Birds. Lb. 30c; 100 lbs. \$20.00.

Blue Maw or Poppy. Lb. 35c; 100 lbs. \$30.00.

Rice Unhulled or Paddy. Lb. 18c; 100 lbs. \$15.00.

Millet, Golden. Lb. 8c; 100 lbs. \$6.00.

Millet, White French. Lb. 20c; 100 lbs. \$18.00.

Wild Bird Food Mixture. Mixed seed and grain suitable for feeding wild birds in the open. Lb. 10c; 100 lbs. \$8.00.

McAllister's Mocking Bird Food. Per bottle 35c; doz. \$3.50.

Niger Seed or Black Thistle. Lb. 40c; 100 lbs. \$35.00.

Shepherd's Song Restorer. In bottles. Each 30c; doz. \$3.00.

Hub Brand Bird Gravel. Pkt. 15c; bu. \$2.50.

## LETTUCE PLANTS

Doz. 20c; per 100, \$1.00.

Seasonable varieties such as May King, Boston Market and Iceberg will be available throughout the Spring planting season.

## PEPPER PLANTS

Large Bell, or Bull Nose. Doz. 30c; per 100, \$2.00.

## RHUBARB ROOTS

Each 35c; per dozen \$3.00.

## SWEET POTATO PLANTS

Nansemond. Per 100, \$1.25; per 1000, \$10.00.

## TARRAGON PLANTS

Each 50c; per dozen \$5.00.

## TOMATO PLANTS

If shipped by express or freight, 60c per doz.; \$3.75 per 100. If taken from stock at store and not shipped by us, 50c per doz.; \$3.50 per 100.

Breck's Belmont Dwarf Champion Chalk's Early Jewel  
Stone Bonny Best



PROTECT YOUR PLANTS FROM CUTWORMS

USE SNAROL—IT KILLS

1 lb. 50c; 3 lbs. \$1.00; 15 lbs. \$3.75

## SHELLED

Thoroughly cured and in excellent condition for popping.

Per lb. ..... Net \$0.12

Per 100 lbs. ..... Net 10.00

## POULTRY AND CHICKEN FOOD

All prices subject to market changes. For complete list of poultry supplies, feeds, etc., write for our Special Poultry Supply Catalog and price list for 1929.

Pratt's Baby Chick Food. In 30c and 60c packages; 25 lbs. \$2.00; 100 lbs. \$6.00.

Buttermilk Growing Mash. Lb. 10c; 10 lbs. 60c; 100 lbs. \$4.50.

Intermediate Scratch Feed. Lb. 10c; 10 lbs. 50c; 100 lbs. \$3.50.

Buttermilk Laying Mash. Lb. 10c; 10 lbs. 55c; 100 lbs. \$4.25.

Scratch Chick Feed. Lb. 10c; 10 lbs. 45c; 100 lbs. \$3.50.

Scratch Feed for Poultry. Lb. 10c; 10 lbs. 45c; 100 lbs. \$3.50.



A "Boston Park Mixture" Lawn

### BRECK'S STANDARD LAWN GRASS SEED

Many of our customers prefer to sow a lawn grass mixture which contains but a very little White Clover seed and in our Standard Lawn Mixture the minimum of White Clover has, therefore, been included.

Standard Lawn Grass Mixture contains a large proportion of Fancy Kentucky Blue Grass and Red Top blended with other permanent pasture grasses that give to the lawn a deep green color and a rugged turf capable of withstanding hard wear. One quart will sow 300 sq. ft.; One peck, 2400 sq. ft.; 4 Bushels will sow one acre.

Per Qt. 40c; 2 qts. 75c; per one half peck, \$1.25; per peck, \$2.25; per bushel, \$8.00.

Weight 20 lbs. per bushel, carriage extra.

### BRECK'S SPECIAL SEASHORE LAWN GRASS MIXTURE

The grasses going into this mixture have been carefully selected for their deep rooting qualities, their resistance to salt spray, and for their ability to withstand drought, and the conditions invariably found on poor and sandy soils. Before sowing this special formula 5 lbs. of Wood Ashes or Poultry Manure should be applied and raked into the surface soil to every 100 sq. ft. At least 1 lb. of seed should be sown to every 300 sq. ft. Per lb. 75c; 4 lbs., \$2.75; 8 lbs., \$5.00; per bushel, \$18.00.

### BRECK'S BOSTON PARK LAWN GRASS SEED

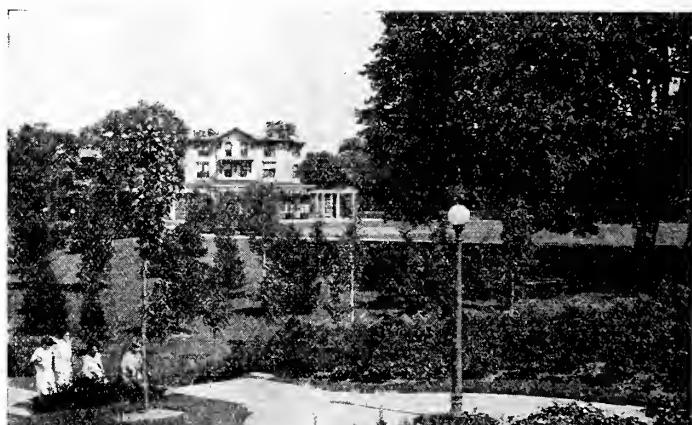
For over one hundred years, four generations of Brecks have supplied this Superb Mixture to four generations of exacting lawn builders. Boston Park Lawn Seed is the finest mixture of pure grass seeds that money can buy. The average lawn grass mixture weighs 20 lbs. to the bushel. Boston Park Lawn Grass Mixture weighs 32 lbs. to the bushel, making it the best and by far the most economical to use. It is packed in 1 lb. and 4 lb. canisters for your protection when buying and for your convenience in using. In each canister will be found a copy of "Lawns in the Making," a booklet giving the most approved methods of construction and maintenance of lawns. One pound of Boston Park Lawn Seed is sufficient to sow about 600 sq. feet; 2 Bu. to the acre. Per 1 lb. canister, 75c; per 4 lb. canister, \$2.75; in bulk, per peck, 8 lbs. \$5.00; per bushel, 32 lbs., \$18.00.

Carriage paid to any point in New England when cash accompanies the order.

For the Perfect Lawn use Pulverized Poultry Manure as a Top Dressing.

### BRECK'S SHADY SPOT LAWN GRASS SEED

Not all grasses are grown successfully in shade or partial shade. We have, therefore, prepared a mixture of recleaned pasture grasses which are naturally adapted to growing in partial or deep shade. These grasses are somewhat slower in becoming established than the grasses in our Boston Park Lawn Mixture. We recommend a heavy sowing of seed, with a very light covering, and it is well to sow the seed early in the Spring, if possible before the ground is shaded by the leaves to any great extent. Our Shady Spot Mixture does not contain Clover seed of any kind. The grasses in the mixture will do best on slightly acid soil. Per qt. canister, 50c; per one-half peck, \$1.50; per Peck, \$2.75; per Bushel, \$10.00. Weight 20 lbs. per bushel, carriage extra.



A "Shady Spot" Lawn

## BANK and TERRACE GRASS MIXTURE

There are many lawns situated on slopes and embankments and these situations require grasses that establish themselves quickly and make deep and well developed root systems. To meet these conditions we have prepared a mixture of grasses that are hardy and that will withstand hard usage and frequent cutting. Our Bank and Terrace Mixture should be sown thickly and lightly covered. After the grass has become established, frequent mowing is recommended. No clover seed is included in our Bank and Terrace Mixture.

Per Qt. 50c; per one-half peck, \$1.50; per Peck, \$2.75; per Bushel, \$10.00.

Weight 20 lbs. per bushel; carriage extra.



A "Bank and Terrace Mixture" Lawn

## BRECK'S ATHLETIC GROUND OR POLO FIELD MIXTURE

No Clover of any kind has been included in this formula as clover is liable to make a playing field slippery. The grasses used are those most capable of making a strong rapid growth. The roots of the grasses comprising this special mixture will strike deep into the soil preventing the rapid drying out of the turf in dry weather and yet furnishing a sod that will be permanent and which will stand very hard usage. Areas seeded with this Mixture may be kept closely cut without destroying the stand of grass. We recommend sowing at least 100 lbs. of seed per acre. Application of Premier Poultry Manure as a top dressing before the seed is sown will materially help in promoting the rapid growth of the grass and further applications at stated intervals will insure the permanency of the sod. The grasses in our formula prefer slightly acid soils and fertilizers selected should always be chosen because of their tendency to produce a slightly acid reaction in the soil. Poultry Manure will produce this acid reaction. One can also use Sulphate of Ammonia in the same way but with more care.

Per lb. 50c; 10 lbs. \$4.50; 100 lbs. \$40.00.

## PERMANENT GRASS SEED MIXTURES FOR GOLF COURSES

That we may serve Golf Clubs to better advantage and furnish Golf Mixtures that are best adapted to the soils and climate of New England, we have made careful study, growing tests and comparisons of and with the mixtures used here and on Golf Courses abroad.

These seeds are of the highest grade, carefully tested for Purity and Germination. We are prepared to furnish at short notice these Mixtures or any other mixture of Golf Grasses which we have in stock, made up especially to suit a Club's particular needs.

No. 1. Putting Greens. Per lb. 65c; 100 lbs. \$60.00.

No. 2. Fair Greens on light, dry soils. Per lb. 65c; 100 lbs. \$60.00.

No. 3. Fair Greens upon low and damp soil. Per lb. 60c; 100 lbs. \$50.00.

## BRECK'S SPECIAL FORMULA OF MIXED GRASS SEED FOR TENNIS COURTS

The component parts of this special formula have been carefully selected and tested to make sure that they meet the requirements of the soil and climatic conditions of New England. These Grasses make a quick growth, are a permanent, will withstand hard wear, and yet furnish a firm fine turf which can be closely cut. Light top dressings of high grade soluble lawn fertilizers are recommended from time to time.

Per lb. 75c; 4 lbs. \$2.75; 8 lbs. \$5.00; per bu. \$18.00.

Use SEMESAN to prevent and control Brown Patch on Lawns and Putting Greens. Special circulars furnishing detail information sent on request. Semesan cannot be sent by mail per order of the United States Postal Authorities.

## BENT GRASSES

### For LAWNS and PUTTING GREENS

We furnish from the most reliable sources the several kinds of Bent Grasses which have been found best adapted to New England soils. With each shipment is furnished our Purity and Germination Tests.

Rhode Island Bent or Brown Top Fancy Recleaned Seed. \$2.00 per lb.; \$150.00 per 100 lbs.

New Zealand or Colonial Bent. \$2.00 per lb.; \$150.00 per 100 lbs.

Velvet Bent (*Agrostis Canina*). \$2.50 per lb.; \$200.00 per 100 lbs.

Seaside Bent (*Agrostis Maritima*). \$2.50 per lb.; \$200.00 per 100 lbs.

True Creeping Bent (*Agrostis Stolonifera* Var. *Compacta*). \$2.00 per lb., \$150.00 per 100 lbs.

German Mixed Bent. Composed largely of Rhode Island Bent and True Creeping Bent. \$1.50 per lb.; \$125.00 per 100 lbs.

Creeping Bent Stolons. Local grown. Per sq. foot 30c, or stock sufficient for 1000 sq. ft. for \$25.00.

## WHY CRAB GRASS!!

Investigations have shown that the seed of crab grass species is found native in nearly all soils. Appearing in late Summer, the crab grass goes to seed in the Fall and the seed sprouts the following Summer or may remain dormant in the soil for several seasons, to appear when conditions become favorable. The fact that the seed is in the soil is clearly shown by its prompt appearance in any piece of fallow ground. Crab grass seed is also spread from place to place in manure and by birds, the wind and other natural causes. Never allow Crab Grass to seed itself in your flower beds or lawns. Dig it out, fill the holes with soil from a cultivated area and reseed with Boston Park Lawn Seed.



## BRECK'S SPECIAL GRASS SEED MIXTURES FOR MOWING AND GRAZING LANDS

All mixtures for Alternate Husbandry should include (say for one or two years' lay) only annual and biennial or other sorts that attain full maturity within that period; for two or three years' lay a greater quantity of seed is required, which should embrace a larger proportion of permanent sorts, so that the places of the dead annual kinds may be filled by the varieties that are of slower growth.

If a mixture principally for mowing is intended to lie more than three or four years, especial care is necessary in selecting and adjusting the several varieties of grasses in proper proportion. A three or four years' lay sown with grasses that are only of annual or biennial duration must be either very thin or foul at the end of the period for which it was laid down—the spaces vacated by the annual and biennial grasses being in

all likelihood occupied by objectionable weeds; whereas, if a proper selection of those species capable of lasting the whole of the desired period had been sown, the lay would remain full of plants, free from weeds, and in consequence, would be very much more profitable during the whole time the land is in grass. While it is true that the mixtures which we recommend are seemingly much more expensive than those commonly used, it should be borne in mind that a vastly increased value is given to the pasture not only for one year, but if the land is properly cared for, it will remain in good condition for fifteen or twenty years without further sowing, and produce double the amount of fodder. The ordinary sowing has to be repeated every three or four years; thus, in the end, costing more than four times as much as would have been paid for the proper mixture.

### MIXTURES FOR MOWING AND GRAZING

Note: It will be noticed that the different tables are all based on the quantity required to sow one acre. When ordering, simply give number and kind of mixture selected and the number of acres for which seed is desired; for example: "Send me No. 2 Mixture for Permanent Pastures for three acres."

Variety	1 or 2 years' Mowing			2 or 3 years' Mowing or Grazing			4 years' Mowing or Grazing			Permanent Mowing with occasional Grazing		
	No. 5 Light Soils	No. 6 Medium Soils	No. 7 Heavy Soils	No. 8 Light Soils	No. 9 Medium Soils	No. 10 Heavy Soils	No. 11 Light Soils	No. 12 Medium Soils	No. 13 Heavy Soils	No. 14 Light Soils	No. 15 Medium Soils	No. 16 Heavy Soils
Italian Rye Grass.....	Lbs. 6	Lbs. 6	Lbs. 4	Lbs. 4	Lbs. 4	Lbs. 4	Lbs. 3	Lbs. 3	Lbs. 3	Lbs. 3	Lbs. 3	Lbs. 3
Perennial Rye Grass.....	4	4	6	5	5	6	5	6	7	6	6	7
Orchard Grass.....	4	3	5	6	5	5	8	6	6	9	7	7
Meadow Foxtail.....	—	—	3	1	1	2	2	3	3	2	3	3
Hard Fescue.....	—	—	—	—	—	—	2	1	1	2	2	2
Blue Grass.....	—	—	—	—	—	—	—	—	—	2	3	3
Red Top.....	2	2	—	2	2	3	3	4	4	3	3	3
Wood Meadow.....	—	—	3	—	—	—	—	—	—	1	1	1
Rough Stalked Meadow.....	—	—	—	—	—	—	1	2	3	1	2	2
Meadow Fescue.....	1½	1½	—	1½	2	2	2	3	4	2	4	4
Sweet Vernal.....	½	½	2	½	½	½	1	1	1	1	1	1
Timothy.....	7	9	½	7	9	9	3	4	4	2	3	3
Red Clover.....	7	8	9	4	5	5	—	—	—	—	—	—
Perennial Red Clover.....	—	—	8	—	—	—	4	5	5	2	2	3
A sike Clover.....	1	1	1½	2	2	2	2	1	1	2	1	1
White Clover.....	—	—	—	2	1½	1½	2	2	2	2	2	2
	33	35	38	35	37	40	38	41	44	40	43	45
Price per acre, F. O. B. Boston (bags extra at value.)	9.00	10.00	20.00	15.60	10.00	11.00	12.90	13.35	15.00	13.35	15.00	15.60

## BRECK'S AGRICULTURAL GRASSES

Subject to frequent market changes, net f. o. b., Boston, bags extra. The following list of Agricultural Grasses includes the varieties used most extensively in Permanent pasture and other grass mixtures.

**Awnless, or Smooth Brome Grass** (*Bromus inermis*). An erect-growing perennial that attains a height of from three to five feet. It is especially recommended for dry and arid soils, where the more delicate grasses will not grow. Weight, 12 lbs. per bushel. Lb. 40c; per 100 lbs. \$30.00.

**Creeping Bent, or Firoin** (*Agrostis stolonifera*). The distinctive feature of this species is, as the name implies, its compact, creeping, rooting stems. It prefers low bottomlands, especially if they are somewhat sandy. It is rapid of growth and spreading in habit, and the stoloniferous roots form a strong, enduring turf that is positively improved by constant tramping. Being of fine texture, it is one of the most valuable of our lawn grasses. Lb. \$2.00; per 100 lbs. \$150.00.

**Timothy, Herd's Grass or Catstail** (*Phleum Pratense*). Perennial. Roots are fibrous in moist soils, but in dry soils often become bulbous; blooms in June and July. While this grass is commonly known as Timothy, it is frequently called Herd's Grass, as this is the name under which it was originally cultivated. It is the most valuable grass for hay, especially in the North, thriving best on moist, loamy soils of medium tenacity. Grows very readily and yields, on favorable soils, three or four tons of best quality hay per acre. Should be cut just when the blossom falls. Weight, 45 lbs. per bushel. Lb. 12c; per 100 lbs. \$10.00.

**Orchard Grass** (*Dactylis glomerata*). Root fibrous, perennial, flowers in June and July. This is one of the most valuable and widely known of all the pastures grasses. Its rapidity of growth, its luxuriant aftermath, and its power of enduring the cropping of cattle, all commend it highly to farmers. Thrives well on light soils, and as its roots penetrate to a considerable depth, it withstands droughts better than most species. Lb. 30c; per 100 lbs. \$28.00.

**Kentucky Blue Grass, Meadow Grass, June Grass, Spear Grass** (*Poa pratensis*). Root-creeping; perennial; flowers in June. This valuable grass is very common in the soils of America, although some claim that its creeping root impoverishes the soil. It is a fact, however, that it grows very luxuriantly producing the most nourishing food for cattle until late in the season in the North; in the South abundant herbage is furnished throughout the entire Winter. It is a very valuable species in lawn mixtures. As Kentucky Blue Grass requires two or three years to become well set, and does not arrive at perfection as a pasture grass until the sward is at least four years old, it is not suited for alternate husbandry, where the land is to remain in grass only two or three years and then to be plowed up. Lb. 30c; per 100 lbs. \$25.00.

**Red Top, Herd's Grass** (*Agrostis vulgaris*). Root-creeping; perennial; flowers in July. This valuable grass has been commonly cultivated in our fields for over a century. It is a fine permanent grass, and forms a nutritious pasturage when fed close. It is valuable for all wet soils, producing a large return in good hay. Red Top is often sown with Timothy and common Red Clover, in which case the clover soon disappears, followed by the Timothy, the Red Top usually taking their places, and with some wild indigenous grass forming a close sward. When sown alone, 4 bushels of unhulled, or 20 pounds of the clean seed per acre are required. Weight, unhulled, 10 lbs. per bushel; fancy or clean, 40 lbs. per bushel. Unhulled seed: Lb. 20c; per 100 lbs. \$18.00.

Fancy, or clean seed: Lb. 35c; per 100 lbs. \$30.00.

**Sweet Vernal.** (Perennial). Root fibrous; flowers in May. Valuable on account of its early growth. It is very fragrant and imparts a pleasant odor to the hay. Will grow in almost any kind of soil, but prefer those which are rich and moist. It is greatly relished by sheep, and is found growing naturally on upland pastures. Lb. \$1.00; per 100 lbs. \$85.00.

**Rough Stalked Meadow Grass** (*Poa trivialis*). Root fibrous; perennial. This grass is valuable on account of its quick growth, productiveness and nutritive qualities. Grows to

perfection on moist, rich soils, and is also well adapted to ground shaded by trees. Grows early in the Spring, and continues green until late in the Autumn. As it delights in shelter, its product is always much greater when sown with other grasses. Does not thrive well on dry soils. Weight, 14 lbs. per bushel. Lb. 65c; per 100 lbs. \$60.00.

**Perennial Rye** (*Lolium perenne*). A very valuable grass; arrives early at maturity and produces a good supply of herbage, of which cattle are very fond. It grows freely on almost any soil, and shows a very early Spring growth. Although a perennial grass, the root will not live over three or four years, and unless the plant is allowed to reproduce from self-sown seed it will die out in about that time. This is an objection to its extensive use for permanent pastures, but for hay crops it may be introduced to good advantage along with other grasses and clovers. Lb. 20c; per 100 lbs. \$18.00.

**Pacey's Short Seeded Perennial Rye.** For use in golf courses, lawns, etc. Lb. 20c; per 100 lbs. \$18.00.

**Italian Rye** (*Lolium Italicum*). Annual. In nutritive value, earliness and quickness of growth, after it has been mown, it far surpasses the Perennial Rye Grass. It is, therefore, indispensable for alternate husbandry, but as it does not last over two years, it is of no use in permanent pastures. The soils best adapted to Italian Rye seem to be those that are moist, fertile and tenacious or of a medium consistency, and on such soils it is said to be one of the best grasses known to be cut green, affording repeated luxuriant crops. Weight, 18 lbs. per bushel. Lb. 20c; per 100 lbs. \$18.00.

**Meadow Foxtail** (*Alopecurus pratensis*). Root fibrous; perennial; flowers in May. This is one of the best grasses for permanent pastures, and should always form a fair proportion of the mixtures for that purpose, because of its extremely rapid growth and great nutritive qualities. Thrives best on rich, strong soil. As the Meadow Foxtail shoots up its flowering stalk much earlier than Timothy, it can be easily distinguished from the latter, which, at first sight, it greatly resembles. The nutritive qualities of Meadow Foxtail are most abundant at time of flowering. Weight, 8 lbs. per bushel. Lb. 60c; per 100 lbs. \$5.00.

**Crested Dog's Tail** (*Cynosurus cristatus*). Roots fibrous and tufted; perennial. This is a most valuable permanent pasture grass. For parks this grass is well suited, because of its fine, close growth, and pleasant green color. Weight, 28 lbs. per bushel. Lb. 50c; per 100 lbs. \$45.00.

**Yellow Oat Grass** (*Avena flavescens*). This deserves to form a portion of all mixtures for permanent purposes, and is well suited for lawns, croquet and golf greens. It thrives on light, dry soils. Weight, 11 lbs. per bushel. Lb. \$1.50; per 100 lbs. \$125.00.

**Tall Meadow Oat Grass** (*Avena elatior*). A fibrous-rooted perennial; flowers in July. Of luxuriant growth, and valuable in permanent pasture mixtures, on account of its early and late growth. It succeeds best on deep, sandy lands, and is suitable for sowing in orchards or other shady places. Weight, 15 lbs. per bushel. Lb. 40c; per 100 lbs. \$35.00.

**Wood Meadow Grass** (*Poa nemoralis*). Root fibrous; flowers in June and July. This grass, as its name implies, is found naturally in woods and is well adapted to growing under trees. It is especially desirable, from its fine habit of growth, for sowing on shady lawns and under trees, on pleasure grounds. Weight, 14 lbs. per bushel. Lb. 65c; per 100 lbs. \$60.00.

**Meadow Fescue, or English Blue Grass** (*Festuca pratensis*). Root-creeping; perennial; flowers in July; one of the most valuable of the Fescue grasses. This grass is well adapted to permanent pastures, and is also sometimes used for alternate husbandry. It grows rapidly in rich and rather moist soils, and makes an excellent pasture grass, its long, tender leaves being much relished by cattle. It should be always mixed with other grasses. Weight, 15 lbs. per bushel. Lb. 35c; per 100 lbs. \$30.00.

## BRECK'S AGRICULTURAL GRASSES (*Continued*)

**Sheep's Fescue** (*Festuca ovina*). Somewhat creeping; perennial, flowers in June and July; especially desirable on light, dry sandy soils. It is much liked by sheep, and should always enter into the compositions of mixtures for lands on which they are to be pastured. Weight, 12 lbs. per bushel. Lb. 35c; per 100 lbs. \$30.00.

**Fine-Leaved Fescue** (*Festuca tenuifoliis*). This is really a variety of *Festuca ovina* with much finer leaves. It will grow on very dry and inferior soils, and its dwarf habit of growth and fineness of leaf render it suitable for dry slopes on lawns. It stands grazing well, is very hardy, and lasts long, and may therefore be recommended for permanent pasture on high and dry situations. Weight, 22 lbs. per bushel. Lb. 70c; per 100 lbs. \$65.00.

**New Zealand Chewing Fescue.** We offer genuine New Zealand-grown Chewing's Fescue, re-cleaned, and of latest crop. This Fescue is highly recommended for Putting Greens. Requires sour soil for best results. Lb. 65c; per 100 lbs. \$50.00.

**Tall Fescue** (*Festuca elatior*). Root fibrous, somewhat creeping; perennial; flowers June and July. In appearance this species resembles the *Festuca pratensis*, but is larger and of

stronger growth. It thrives well on moist soils, and yields abundant crops. Cattle and stock eat it greedily. It should form a portion of every mixture for permanent pasture on most soils. Weight, 15 lbs. per bushel. Lb. 65c; per 100 lbs. \$60.00.

**Hard Fescue** (*Festuca duriuscula*). This is one of the best grasses of the Fescue family. It is found in all the finest permanent pastures of the country, and is much valued for its dwarf habit. It resists Summer drought, and develops remarkable verdure during Winter. It should form a part of every mixture for lawn or pleasure grounds, as well as for permanent pasture and alternate husbandry. Lb. 50c; per 100 lbs. \$45.00.

**Red or Creeping Fescue** (*Festuca rubra*). This grass grows on light, dry, sandy soils, and from its creeping habit will be found of great value on sandy seacoast lands. It is a grass of better quality than some of the uncultivated species, but is not usually cultivated in this country as an agricultural product, except on elevated sheep pastures. Lb. 80c; per 100 lbs. \$75.00.

## BRECK'S FIELD CORN

Prices subject to market changes and for seed f. o. b. Boston; bags extra at value. Special quotation made where large quantities are required. Our seed corn grown for us under contract and especially for seed purposes. We wish to call particular attention to our fine stock of Improved Leaming and also Virginian-grown Eureka Ensilage.

### SWEETSTAKES Pedigree Seed Corn

The premier ensilage corn for New England, producing the highest quality and the greatest tonnage per acre from dependable seed corn. Fully 50% more food value than any other variety. Pedigree Sweepstakes consists of hybrid types of various family strains of corn. Always carefully selected and showing marked improvement from year to year. The 1928 crop is considered by the grower the finest quality crop of corn ever produced. The past year has furnished wonderful crops of 25 to 35 tons of ensilage with well developed ears and stalks. These crops grown from plantings made from May 25th to June 12th. Plant this brand of seed corn every year and be sure of banner crops of both ensilage and ears. Pedigree Sweepstakes is a standard product, always dependable. Do not plant more than one bushel of seed on three acres. Do not plant rows less than 42 inches apart, kernels 10 to 16 inches. The highest grade XXX always recommended and is furnished only in the originator's sealed and branded bags. Prices: per qt. 25c; per peck \$1.75; per bu. \$5.00. We can also furnish the second grade XX, a splendid ensilage corn at \$4.00 per bu.

**Bloody Butcher.** An early maturing ensilage corn, medium size ears, color of kernels dark red with slight touch of yellow; grown successfully in Vermont and recommended because of its growth and earliness. Qt. 15c; pk. 85c; bu. \$3.00.

**Breck's Mondamin.** The earliest and best Yellow Flint variety; eight-rowed ears, well filled to the tips. Qt. 25c; pk. \$1.50; bu. \$5.00.

**Early Yellow Canada.** An extra early eight-rowed Flint variety with large kernels and small cobs. Ears of medium size. A popular variety in Northern New England. Qt. 20c; pk. \$1.25; bu. \$4.00.

**Early Sanford.** A popular White Flint variety, equally valuable for ensilage or grinding. The eight-rowed ears average from 9 to 10 inches in length and have broad cream-white kernels. Qt. 20c; pk. \$1.25; bu. \$4.00.

**Eureka Ensilage.** One of the most popular White Dent varieties among dairymen. It is enormously productive of both foliage and ears. Our Virginian-grown seed has given great satisfaction in New England. Qt. 25c; pk. \$1.00; bu. \$3.50.

**Golden Nugget.** Large yellow flint sort. Has been grown for a number of years in New York and is very popular in that State. Our trials here locally have been successful during the past season. We recommend it for Southern New England. Qt. 20c; pk. \$1.50; bu. \$5.00.

**Improved Leaming.** A Yellow Dent variety very valuable for ensilage. The plants are tall with a large amount of foliage. Each stalk usually produces two good long ears with small red cobs, well filled with large, deep, golden kernels. Qt. 20c; pk. \$1.00; bu. \$3.00.

**Longfellow.** The variety most widely grown in New England. An early eight-rowed Flint corn with long ears and comparatively small cobs, filled to the tips with large, broad kernels. Qt. 20c; pk. \$1.25; bu. \$4.00.

**Pride of the North.** An exceptionally early Dent variety. Stalks of medium height with broad leaves. The ears, which average 7 or 8 inches in length, have from 12 to 16 rows. Grains long and deep yellow, making meal of extra good quality. Qt. 20c; pk. 85c; bu. \$3.00.

**Red-Cob Ensilage.** A red-cobbed, White Dent corn with heavy foliage; popular among dairymen in Northern New England. Qt. 20c; pk. 85c; bu. \$3.00.

**White Southern.** A tall-growing Dent variety with leafy stalks; valuable for ensilage and fodder. Qt. 20c; pk. \$1.00; bu. \$3.25.

**Sweet Fodder.** Unexcelled for cutting green and feeding stock. It should be included in all soiling schedules. Qt. 25c; pk. \$1.75; measured bu. \$6.00.

## SORGHUM

Twenty-five pounds per acre is sown in drills. For dry fodder, broadcast 100 pounds per acre.

**Early Amber Sugar Cane.** Will ripen where Indian corn matures. Lb. 12c; per 100 lbs. \$8.00.

**Red Kaffir Corn, or Sorghum.** Non-saccharine. The plants, which are stocky and perfectly erect, cure into excellent fodder, or may be fed green during all stages of growth. Lb. 12c; per 100 lbs. \$8.00.

**White Kaffir Corn.** Lb. 12c; per 100 lbs. \$8.00.



Field Corn

## ALFALFA

Alfalfa is a legume, taking free nitrogen from the air and storing it up in the deep growing roots. As green fodder or cured hay Alfalfa is relished above all other forage crops by stock.

To grow a good field of Alfalfa, it is important to select deep, loamy, well-drained land with loose sub-soil, as standing water will soon kill out the young plants. Plow and harrow the land thoroughly, and with the first harrowing apply at least one ton of Agricultural Lime per acre, thereby correcting any acidity in the soil and, what is more important, making conditions favorable to the activity of nitrogen-gathering bacteria upon the presence of which success depends.

### GENUINE GRIMM ALFALFA—

As a result of extensive trials of numerous varieties of Alfalfa, at various Experiment Stations and on many farms in the Northern States, the unanimous conclusion is that the Grimm strain is hardier and more productive than any other known variety. Per lb. 60c; 20 lb. lots and over, 50c per lb.

### NORTHERN ALFALFA

Northwestern grown Alfalfa is preferred by many New England farmers, and the stock has done very well in New England. Per lb. 45c; per 100 lbs. \$40.00.

## CANADIAN VARIEGATED ALFALFA

A recently introduced Canadian-grown stock recommended for its extreme hardiness. Culture the same as other kinds of Alfalfa. Per lb. 45c; per 100 lbs. \$40.00.

All Grains sold F. O. B. Boston. Bags Extra. Prices subject to market changes.  
Samples sent on request.

## SEED OATS

Breck's King Oats. A close or cluster-headed variety; first recommended to the New England farmer by us fully twenty-five years ago. The stock has been carefully selected and improved over a series of years, insuring grain of the first quality free from fungous diseases, weighing not less than 40 pounds to the measured bushel, of strong germination and of most attractive appearance. Two bushels of King Oats will plant more area than four bushels of the common seed oats procured from local sources. Per bushel of 32 lbs. \$2.00; 10 bushel lots and over \$1.85 per bushel.

Swedish Select. A variety of Swedish origin. Owing to its splendid vigor, hardiness, and productiveness it is most highly recommended for New England soil. The oats ripen early, the straw is strong, stiff, tall, and the grain is white, thin hulled, and plump. Weight per measured bushel, 40 to 45 pounds. The spikelets usually contain 2 grains. The growth in the Autumn is unusually regular and upright. Our stock comes from Northern Wisconsin. It is free from disease and of high germination. Per bushel, \$1.75; 10 bushel lots and over, per bushel, \$1.60.

## SEED RYE

We furnish only selected Rye saved for seed.

Rosen Winter Rye. The most desirable variety for New England conditions, either Summer or Autumn planting. Bu., \$3.00.

Spring Rye. Selected re-cleaned grain in limited supply. Bu., \$3.00.

## WINTER WHEAT

Dawson's Golden Chaff. One of the hardest wheats we know of; heads bald, color of grain white, inclined to light amber, straw of medium length. Bu., \$3.00.

## SPRING WHEAT

Marquis. A variety produced by scientific cross breeding of the old Calcutta and the frost-resisting Red Fyfe variety. In appearance, Marquis Wheat is similar to Red Fyfe, but the heads as a rule are heavier and the stalks shorter, making it less likely to lodge. The kernel is flinty, a little darker red and more plump than Fyfe. It is beardless, having smooth yellow chaff, but its most valuable feature lies in its earliness, as it matures a week or ten days earlier than Red Fyfe. Quart, 20c; pk., \$1.25; bu. \$3.50.

## BUCKWHEAT

Silver Hulled. Bu., \$3.00.

Japanese. Enormously productive. Bu., \$3.00.

## BARLEY

Two-Rowed. Bu., \$2.50.

Four or Six-Rowed. Bu., \$2.50.

Success Beardless. A six-rowed variety that is practically free from the poisonous beard. It is early, hardy, large grained, heavy straw; productive. Bu., \$3.00.

## WILD RICE

Zizania aquatica. Price on application. Not kept in stock. Seed must be kept moist until sown.

## SUDAN GRASS

Very closely related to the Sorghum family; is a native of Sudan, Egypt, where it has withstood hot winds and drought for years. It is an annual of quick growth—the first crop being

### SUDAN GRASS (*Continued*)

ready to cut in fifty to seventy days after planting, depending upon the length of seasons and moisture; the second and third crops about forty-five or fifty days later respectively. It stools freely, sometimes as many as one hundred stems coming from one seed. It dies with killing frost, and has a short stalk root, which is easily eradicated. It is a strong drought resister. Used as green forage or can be made into coarse hay.

Sudan Grass has been grown successfully on almost every class of soil from heavy clay to light sand, doing best on a rich loam, but, of course, on light sandy soil a light yield may be expected. In any case, it should be well drained.

The ground should be prepared as for corn and the seed not planted till soil becomes warm. It can be planted in this latitude from about May first to July first. Sown broadcast use sixteen to twenty-four pounds of seed per acre. If planted in drills 18 to 24 inches apart, from four to six pounds per acre will be sufficient. Lb. 12c; per 100 lbs. \$10.00.

### CLOVERS

Clovers are the foundation of permanent agriculture in the North and East. They have the faculty of taking nitrogen from the air, and also of rendering available much of the inert plant food of the soil. Their long, powerful tap-roots penetrate to a great depth, loosen the soil, admit air, and by their decay add immensely to the fertility of the soil.

**Medium Red** (*Trifolium pratense*). This is the common Red Clover and by far the most important variety for the practical purposes of agriculture. Weight 60 lbs. per bushel. Lb. 50c; per 100 lbs. \$45.00.

**Mammoth Pea Vine** (*Trifolium pratense magnum*). Of ranker growth than Medium Red and usually lasts longer; excellent for plowing under to improve exhausted soils. Weight 60 lbs. per bushel. Lb. 60c; per 100 lbs. \$50.00.

**Alsike, or Swedish** (*Trifolium hybridum*). The hardest of all clovers; it resists cold and extreme drought, and for low, wet land is most valuable; excellent for bees. Weight 60 lbs. per bushel. Lb. 45c; per 100 lbs. \$40.00.

**White Clover** (*Trifolium repens*). This variety should be included in all mixtures for lawns and permanent pastures. It is adapted to all soils. Weight 60 lbs. per bushel. Lb. 60c; per 100 lbs. \$55.00.

**Crimson Clover** (*Trifolium incarnatum*). Also known as Scarlet, or Carnation Clover. A rapid-growing annual of great value where only one crop is desired; excellent as a cover crop in orchards, or for plowing under to improve poor soils. Weight 60 lbs. per bushel. Lb. 20c; per 100 lbs. \$18.00.

**Yellow Sweet Clover** (*Melilotus officinalis*). More suitable for turning under than the White variety. A good crop with which to prepare land for Alfalfa. Height about 2 feet. Weight 60 lbs. per bushel. Lb. 20c; per 100 lbs. \$18.00.

**Bokhara** (*Melilotus alba*). Will grow on very poor soils; excellent for plowing under as green manure. Valuable for bee keepers. Wt. 60 lbs. per bushel. Lb. 25c; per 100 lbs. \$20.00.

### MILLETS

**Hungarian Grass** (*Panicum Germanicum*). This species of Millet is comparatively small and fine in its habits of growth. It is one of the most profitable hay and soiling crops, often yielding over three tons per acre. No other Millet adapts itself so readily to various conditions of soil and moisture. Broadcast at the rate of one bushel per acre. Weight 48 pounds per bushel. Lb. 12c; per 100 lbs. \$10.00.

**Japanese Millet, Japanese Barnyard Grass** (*Panicum Crus Galli*). Distinct from other varieties. An enormous cropper growing over 6 feet in height; excellent either green or as cured hay. Broadcast at the rate of 25 pounds per acre; in drills 18 inches apart, sow 15 pounds to the acre. Weight about 35 pounds per bushel. Lb. 15c; per 100 lbs. \$12.00.

**Liberty, or Golden Millet** (*Panicum Miliaceum var.*). An improved, medium early variety, growing from 3 to 5 feet high. The heads are closely condensed though the spikes are numerous. Weight 50 pounds per bushel. Lb. 13c; per 100 lbs. \$10.00.

### RAPE Dwarf—Essex, English

Easily grown, perfectly hardy and possesses remarkable fattening properties. Under ordinary field conditions the plants reach a height of about 4 feet; the roots being strong growing, penetrate the soil to a considerable depth. Rape is especially adapted to cool, moist conditions, such as prevail in New England, and for its best development requires a loamy soil, moist and rich; ground that has produced good crops of corn, turnips, and cabbage will be found very suitable for Rape. Plant seed in New England from May first to middle or last of July in average seasons. In preparing the land for the seed, take every care possible to have it free from noxious weeds. Have the ground well pulverized with a harrow, thereby giving a deep, mellow seed bed.

**Dwarf Essex Rape** will be found to resist Summer drought if care is taken to get the plants well started before extreme Summer heat may be expected. For sowing in drills, about 10 lbs. of seed per acre is required; broadcast 15 lbs. per acre. Lb. 15c; per 100 lbs. \$14.00.

### MISCELLANEOUS SEEDS

For Forage Crops, Plowing under, etc.

Prices subject to frequent market changes

**Peas, Canada or White Field.** Unsurpassed as a green feed for milch cows. Usually sown with oats. Lb. 12c; per 100 lbs. \$10.00.

**Broom Corn, Long Brush Evergreen.** Succeeds best in good, deep, moderately moist soil. Sow 12 quarts per acre, after danger from frost is past. Lb. 30c; per 100 lbs. \$25.00.

**Winter Vetch** (*Vicia villosa*). Growth and appearance like Spring Vetch. Valuable as a cover crop or for early Spring forage. In this latitude seed should be sown before September fifteenth, so that the plants may become well established before cold weather. It is customary to sow from two to four pecks of Winter Vetch with six pecks of either Winter Wheat or Winter Rye. If sown alone, broadcast one bushel per acre. Weight, 60 lbs. per bushel. Lb. 20c; per 100 lbs. \$18.00.

**Spring Vetch or Tares** (*Vicia sativa*). Very much like common peas in growth and general appearance. An annual legume. Valuable as a Summer forage when sown early in Spring on well cultivated and enriched ground at the rate of  $\frac{1}{2}$  bushel Vetch and 2 bushels Grain, Barley, or Oats per acre. Can also be sown alone at the rate of about 80 lbs. per acre as cover crop for orchard. Weight per bushel, 60 lbs. Lb. 10c; per 100 lbs., \$9.00.

### SOJA BEANS

Prices subject to frequent market changes.

One of the most valuable and important forage and soil-improving crops. When cut together with Corn for the silo, they greatly improve the quality of the feed.

**Yellow Soja.** A large-growing, yellow-seeded variety, especially suitable for ensilage and plowing under. Sow at the rate of one bushel per acre. Qt. 20c; pk. \$1.50; bu. \$5.00.

**Ito San.** An early, small-leaved variety recommended for latitudes having short season, especially New England. Qt. 20c; pk. \$1.50; bu. \$5.00.

**Wilson.** A rank-growing variety, branching high, leaves large, both pods and leaves remaining on vines long after cutting. Qt. 25c; pk. \$1.75; bu. \$6.00.

Special prices quoted for large quantities.

### SOUTHERN COW PEAS—*Vigna Catjang*

Make poor land rich. The plowing under of green crops is one of the best and cheapest ways of improving the soil. For this purpose the Cow Pea is most popular, especially for medium or light soils. Seed should be sown in May or June at the rate of  $1\frac{1}{2}$  bushels per acre and the plants plowed under as soon as they have attained their full growth.

**Clay, or Wonderful.** Has matured in New England. Qt. 25c; per bu. \$6.00.

**New Era.** Early and large yielder. Qt. 25c; per bu. \$6.00.

**Whippoorwill.** One of the earliest. Qt. 25c; per bu. \$6.00.

# FLOWERING BULBS AND ROOTS

## ACIDANTHERA

Delivery—January to April.

**Bicolor.** Valuable summer flowering bulbs, each stalk having from 4 to 8 beautiful creamy white, fragrant flowers, with a purple-maroon blotch at the base of the petals. Each 25c; doz. \$2.50; per 100, \$20.00.

## AGAPANTHUS

**Umbellatus** (Blue Lily of the Nile). A splendid ornamental plant, bearing in August and September clusters of bright, blue flowers on long stems, standing well above the foliage. Excellent when planted in pots or tubs for lawn or piazza decoration. Plants from five inch pots. Each \$1.00.

## AMARYLLIS

**Breck's Giant American Hybrids.** A wonderful strain of new Giant flowered Amaryllis, of free-flowering habit. The large flowers are composed of broad well rounded overlapping petals and range in color from crimson to orange scarlet, light rose to white and embrace the richest self-colorings and combinations of stripes and variegations. We can supply large bulbs in mixture only during January, February, November and December. Each \$1.00; doz. \$10.00.

**Hallii** (Hardy Amaryllis). Beautiful lily-shaped flower, of a delicate lilac-pink shaded clear blue; very useful for the border or amongst shrubbery. Each \$1.50; doz. \$15.00.

**Zephyranthes Alba.** Pure white, very free-flowering. Doz. \$1.00; per 100, \$8.00.

**Zephyranthes Rosea.** Beautiful clear rose, large handsome flowers. Each 20c; doz. \$2.00; per 100, \$15.00.

## APIOS

**Tuberosa** (Wildbean). A quick growing climber suitable for growing over bushes, wild gardens and rockeries, clusters of pink and brown flowers. Each 15c; doz. \$1.50; per 100, \$12.00.

## BEGONIA

**SINGLE TUBEROUS ROOTED.** An excellent bulb for shaded beds or pot culture bearing a profusion of vari-colored flowers of great beauty, 4 inches or more across, during the summer. Each 30c; doz. \$3.00; per 100, \$25.00.

Scarlet	Crimson	White	Orange
Yellow	Rose	Mixed	

**DOUBLE TUBEROUS ROOTED.** A double flowering form of the above. Each 45c; doz. \$4.00; per 100, \$32.00.

Bronze	Crimson	Scarlet	Orange
White	Rose	Yellow	Mixed

## CALADIUM

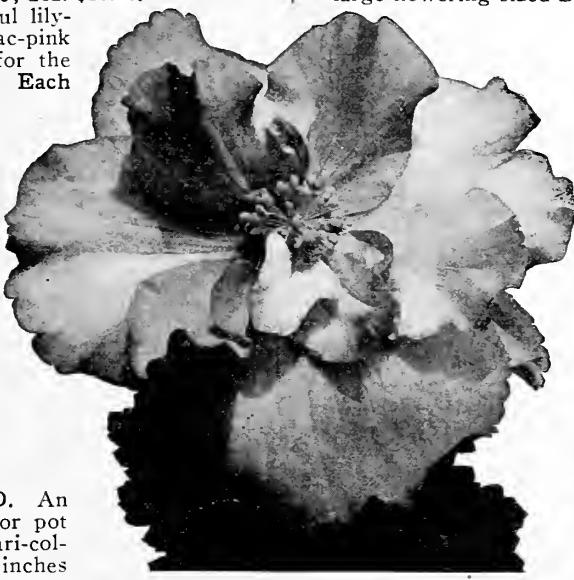
Delivery—February to April.

**Esculentum.** (Elephant's ear). Beautiful ornamental foliage plants. The leaves are of immense size, light green with darker veins; will grow in any good garden soil to a height of 5 feet.

**Extra Large Bulbs.** Each 25c; doz. \$2.50.

**Mammoth Bulbs.** Each 40c; doz. \$4.00.

**Fancy-leaved.** Gorgeous summer foliage plants suited to growing in pots for table or conservatory decoration and also for bedding in shaded locations. The large broad leaves are streaked and blotched with a great variety of colors. Bulbs of extra Choice New and Rare varieties. Each 50c; set of 12 distinct sorts, \$5.00.



Begonia

## CHINESE CINNAMON VINE

Delivery—March to May.

These interesting vines were first brought to the United States about the year 1870. They came from China, that faraway land of wonder and mystery, but where the Chinese first found them is not known. The name "cinnamon," was given to them on account of the odor of the bloom, which is similar to that of cinnamon. The fragrance is remarkable and too delightful to describe. They are covered with pretty, heart-shaped glossy leaves that turn to a golden yellow in the Fall. The wealth of tiny white bloom with exquisite perfume adds a charm unknown to all other climbers. The tubers are hardy and grow larger from year to year. The tops die down every Fall but grow again very rapidly in the spring. If given support they climb thirty or forty feet, branching profusely, often growing 10 inches or more in a day. Each 15c; doz. \$1.50; per 100, \$12.00.

## GLORIOSA—The Climbing Lily

**Rothschildiana.** A beautiful tropical climber growing 10 feet high, producing wonderful lily-like flowers of yellow and scarlet; excellent for conservatory and greenhouse. Extra large flowering-sized Bulbs. Each \$2.00.

## GLOXINIA

Delivery—January.

A beautiful summer flowering plant producing large tubular flowers of gorgeous coloring. Bulbs potted in light sandy loam in January bloom in June or July. Strong flowering bulbs. Mixed colors. Each 50c; doz. \$5.00; per 100, \$40.00.

## HYACINTHUS CANDICANS

Delivery—March to May

A hardy Summer-flowering Hyacinth with erect spikes of pure white bell-shaped flowers. 3 ft. Doz. \$1.50; per 100, \$10.00.

## ISMENE CALATHINA

Delivery—January to April.

The flowers are of large size, the form of an Amaryllis, pure snow white, and are also exceedingly fragrant. Large strong bulbs flower in a few weeks after planting. Each 50c; doz. \$5.00.

## MADEIRA VINE

Delivery—March to May.

A fine climber with thick, waxy, green, heart-shaped leaves set quite close together making them desirable for medium shade. They grow from 10 to 15 feet high, producing during early Fall racemes of small white fragrant flowers on attractive small spikes, grown from tubers like potatoes which should be taken up and kept in the cellar over winter. Very easily grown and will thrive in any location or soil. One of the best vines for planting thickly along the front edge of a porch or window for quick effect. Each 10c; doz. \$1.00; per 100, \$7.50.

## OXALIS—Summer Flowering

Delivery—March and April.

Another splendid class of summer flowering bulbs with brilliant colored flowers and dark foliage. Suitable for mass effect in the garden, rockeries, hanging baskets or vases. Doz. 50c; per 100, \$3.50.

**Dieppi.** Pure White.

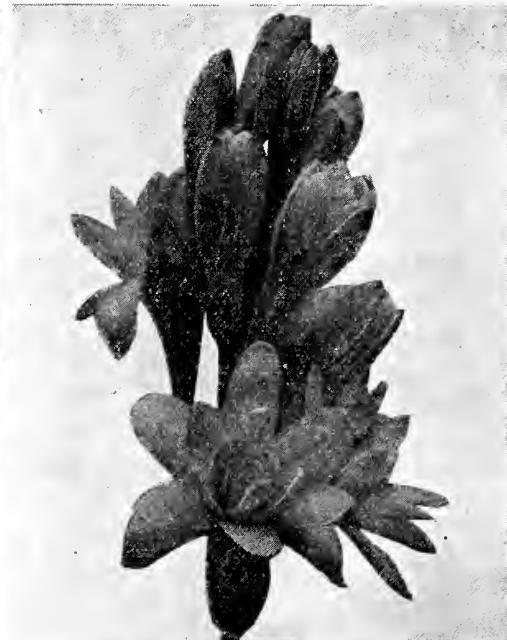
**Lasandria.** Rosy Crimson.

**Shamrock.** Pink.

**Mixed Colors.**



Montbretia



Double Tuberose



Tigridia

## MONTBRETIA

Delivery—March to May.

One of the brightest Summer-flowering bulbs. Should be set out during April or May and protected during the winter. We recommend with confidence the following list of up-to-date large flowering and beautifully colored varieties, the flowers of which resemble miniature Gladioli.

**Aurea.** Pure orange. Doz. 85c; per 100, \$6.00.

**Crocosmiaeflora.** Scarlet and yellow. Doz. 85c; per 100, \$6.00.

**Etoile de Feu** (Star of Fire). Bright vermillion, center yellow, outside bloodred. Doz. \$1.25; per 100, \$10.00.

**Fire King.** Large flowers of a glowing scarlet red, decidedly one of the most beautiful and a variety which compares favorably with any of the new sorts. Doz. \$1.50; per 100, \$12.00.

**George Davison.** A splendid Montbretia. The stems are from three to four feet high, very branching, and bear lovely pale orange yellow flowers. Doz. \$1.25; per 100, \$10.00.

**Golden West,** produces tall branching spikes and large open flowers of a most beautiful golden yellow, without the least spot or shade. A strong grower which attracts the eye in every collection. Doz. \$1.25; per 100, \$10.00.

**Heredward.** Pure yellow, orange yellow outside, large flowering, late, grand habit. Doz. \$1.50; per 100, \$12.00.

**King Edmund.** Giant rich golden with brown markings in throat, large well open flower, tall and sturdy plant. Doz. \$1.50; per 100, \$12.00.

**Lady Hamilton.** Very floriferous yellow, the center is suffused with a ray of rosy apricot, strong grower, fine and distinct. Doz. \$2.00; per 100, \$15.00.

**Lemon Queen.** Pure yellow, new. Doz. \$2.00; per 100, \$15.00.

**Lord Nelson.** Deep orange scarlet, externally crimson, eye yellow, large flower, very beautiful; the stems are dark much branched and 3½ feet high. Doz. \$2.00; per 100, \$15.00.

**Rayon d'Or** (Sunbeam). Rich yellow, spotted brown, large flowers. Doz. \$1.25; per 100, \$10.00.

**Rosea.** Bright salmon rose, distinct. Doz. \$1.00; per 100, \$8.00.

**Vesuvius.** Dark bloodred. Doz. \$1.50; per 100, \$12.00.

**Special Mixture.** Carefully blended mixture of colors. Doz. 85c; per 100, \$6.00.

## TIGRIDIA—Tiger Flower

Delivery—March to May.

Richly colored flowers, nearly related to the Iris. Mixed colors. Each 25c; doz. \$2.50; per 100, \$17.50.

## TUBEROSE

### Polianthes Tuberosa

Delivery—February to May.

Each 10c; doz. \$1.00; per 100, \$7.50.

**Double Pearl Excelsior.** Summer flowering bulbs producing tall spikes of fragrant double white flowers. Use rich loam and start in hot-bed or in house during March or April or in the open ground when all danger from frost is past.

**Single Mexican Everblooming.** A white single flowering form of Tuberoses which begins to flower in July and continues throughout the season, each bulb throwing from 2 to 5 flower spikes in succession.

## CROCUS SPECIES

### AUTUMN FLOWERING

For delivery in late August.

The following varieties of Autumn flowering Crocuses should be planted in August and they will come into flower in September and October of the same year. No hardy garden is complete without a few of these floral gems. They are all very dainty and refined and on rockwork or in grass form a charming picture, while in pots they make a very pretty effect. Make your selection now for delivery of bulbs on arrival in late August.

**Cancellatus Cilicicus.** Flowers lilac veined purple at base. Doz., \$2.00; per 100, \$15.00.

**Hyemalis.** Pure white. Doz., \$2.00; per 100, \$15.00.

**Pulchellus.** Lavender, white anthers. Doz. \$4.00; per 100, \$30.00.

**Salzmanni.** Lilac with dark feathering, delights in a moist soil. Doz., 75c; per 100, \$5.00.

**Sativus** (Saffron Crocus). Purplish lilac feathered violet with showy orange stigmata. Doz., 75c; per 100, \$5.00.

**Speciosus.** Bright violet blue prettily veined, anthers orange red, throat yellow, large, handsome and showy. One of the most beautiful. Doz., 75c; per 100, \$5.00.

**Speciosus Aitchisonii.** Large handsome flowers of soft rose lilac, centre bright orange. Doz., \$1.00; per 100, \$7.50.

**Zonatus.** Very beautiful flowers of soft rose lilac, centre yellow with orange zone. Doz., 60c; per 100, \$4.50.

**Mixed Autumn-flowering species** for naturalizing in grass, wild gardens, rock gardens, etc. Doz., 75c; per 100. \$5.00.

# HARDY LILIES

Lilies are among the most beautiful and ornamental of cultivated bulbous plants, their stately habit and variously-colored flowers (which are in many cases, highly perfumed) render them indispensable subjects for greenhouse decoration and for the hardy flower garden.

The commoner and more plentiful species may be effectively employed for grouping or naturalizing. Many of them are excellent for border plants when in flower, being extremely attractive in mixed arrangements, if properly placed in respect to height. Many of the strong-growing Lilies are well adapted to planting among shrubs, where the latter are not too thickly placed. By growing a selection of species in pots to flower at different times, a valuable addition to greenhouse decoration is secured over a long period in Autumn and Winter. In the hardy border Lilies should always be planted not less than three in a clump thus .:

Delivery of imported Lily bulbs depend upon the season. Many varieties arrive after the ground is frozen in which case we hold them in cold storage for Spring delivery.

We will only ship Lily bulbs in the late Autumn when we receive specific instructions to do so. Bulbs, otherwise, will be carried through the Winter in cold storage and shipped early in the Spring.

**AURATUM.** (Golden Banded Lily of Japan). Immense fragrant flowers of pure white, each petal of which is marked with a broad, golden yellow, central band and thickly dotted with reddish brown spots. It grows to a height of from 3 to 5 feet and bears during July and August heads of from 5 to 20 blooms. Bulbs. Each 60c; doz. \$6.00; per 100, \$45.00. per 100, \$45.00.

**AURATUM PLATYPHYLLUM.** (Macranthum). An improved form of the well known Auratum with larger flowers showing a wider expanse of gold and less copiously spotted. The plant has a more robust habit; the stems are stouter, the leaves broader, and it attains a greater height, producing an immense head of gigantic blooms. Bulbs. Each 60c; doz. \$6.00; per 100, \$45.00.

**AURATUM PICTUM.** Another fine form of Auratum with beautiful large blooms like the former except that the band becomes bright red toward the tip of the petals and the entire flower is generously spotted with reddish brown. The habit is similar to that of Auratum. Bulbs. Each 60c; doz. \$6.00; per 100, \$45.00.

**BATEMANNIAE.** A beautiful lily growing to a height of about 3 feet and bearing, in late July or August, umbels of from 4 to 6 pale orange-red or apricot colored blooms. The color is better when grown in semi-shade. Bulbs. Each 50c; doz. \$5.00; per 100, \$40.00.

**BROWNI.** Immense, fragrant, trumpet shaped flowers, the interior of which is deep cream fading to pure white and delicately tinged yellow at the base; the anthers are reddish-brown, and the exterior is deep chocolate brown. This lily grows to a height of about 3 feet and blooms in July. Bulbs. Each \$1.00; doz. \$10.00.

**CANADENSE.** One of our most common native lilies growing to a height of from 2 to 5 feet and bearing in late June and July, from 3 to 10 pendulous blooms varying in color from bright reddish orange to yellow, spotted dark brown and with reddish anthers. An excellent lily for planting among shrubs. Bulbs. Each 25c; doz. \$2.50; per 100, \$20.00.

**CANADENSE RUBRUM.** A variety of Canadense and similar in habit but bearing slightly larger flowers of bright orange-red, spotted dark brown and heavily tinged with a deeper red on the outside of the petals. Bulbs. Each 35c; doz. \$3.50; per 100, \$28.00.

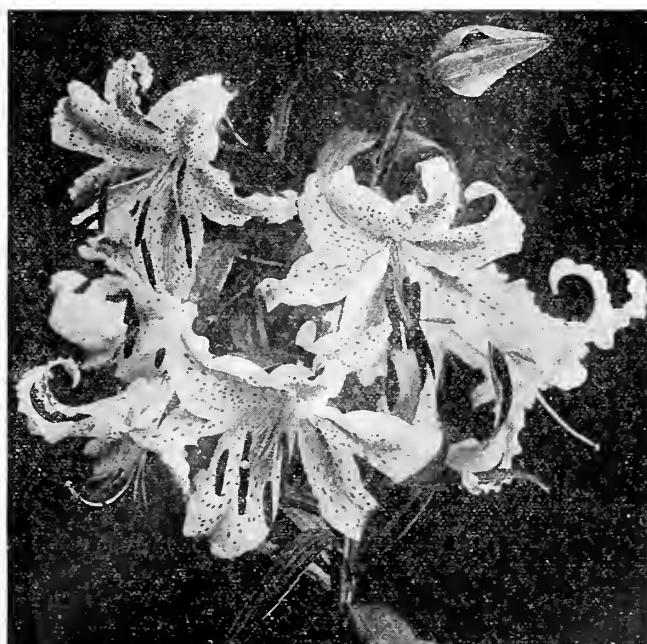
**CANDIDUM.** (Madonna or Ascension Lily). Beautiful, delicately fragrant blooms of pure waxy white borne, during June and July, on strong plants 3 to 5 feet in height. They are of easy culture, growing in almost any soil and location and are excellent lilies for the hardy border; where, in combination with other tall growing flowers such as Blue Delphiniums, they give a striking and delightful effect. Dormant bulbs are only available from August on through the Autumn months and those we offer here for Spring de-

livery have been potted and are started into growth. Each 50c; doz. \$5.00.

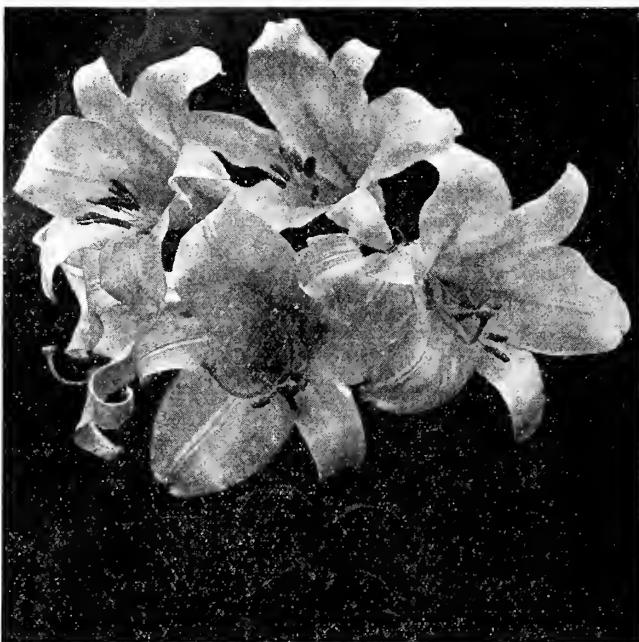
**DAVURICUM.** A very hardy and satisfactory variety succeeding in almost any location and producing, on plants 2 to 3 feet high, from 3 to 5 blooms of bright orange-red spotted with purplish-black and slightly tinged with yellow. Bulbs. Each 50c; doz. \$5.00; per 100, \$40.00.

**ELEGANS VARIETIES MIXED.** (Thunbergianum). There are innumerable varieties of this species of Lily varying in color from pale to deep yellow, orange, and orange-scarlet and from bright scarlet to the deepest crimson; many varieties more or less spotted. They form plants usually from 1 to 1½ feet high which produce, during June and early July, from 1 to 4 flowers, borne upright. We offer these varieties in mixture only. Bulbs. Each 35c; doz. \$3.50; per 100, \$25.00.

**HANSONI.** A rather rare Japanese Lily producing a plant 3 to 4 feet in height on which, in June are borne from 3 to 10 waxy, thick petaled, slightly fragrant blooms of bright golden yellow, dotted with brownish spots, and with reddish anthers. It is of robust habit, easily grown and when established becomes a permanent fixture in the garden. Bulbs. Each \$1.00; doz. \$10.00.



Lilium Auratum



Lilium Regale

**HENRYI.** (The Yellow Speciosum). A splendid Lily, the flowers of which resemble closely the Speciosum varieties in form, growing to a height of from 4 to 8 feet and bearing, in August, from 5 to 20 flowers of bright orange yellow, slightly spotted brown, with a green band at the base of each segment. One of the best and most satisfactory of Hardy Lilies, growing in almost any location and having a strong rugged habit. The color is best when grown in semi-shade. Bulbs. Each 75c; doz. \$7.50.

**KRAMERI.** A lovely and deliciously fragrant Lily, usually of a pure rose-pink color but sometimes deepening to dark rose and sometimes fading to a pale blush. It grows from 2 to 4 feet high and throws in June from 3 to 5 large trumpet shaped flowers. Perfectly hardy, but of a delicate nature, rarely becoming established. An excellent variety for pot culture. Bulbs. Each 50c; doz. \$5.00; per 100, \$40.00.

**PHILADELPHICUM.** (Wild Red or Wood Lily). The most showy of our native varieties. It grows to a height of from 2 to 3 feet and bears from 1 to 5 bright orange-red flowers, tinged with yellow and spotted deep purple, during late June and July. It must have a light, well drained soil and prefers partial shade. Bulbs. Each 35c; doz. \$3.50; per 100, \$25.00.

**REGALE.** (Regal Lily). This Lily is undoubtedly one of the finest of hardy varieties. Growing to a height of from 3 to 6 feet, it bears in July from 1 to 12 immense, fragrant, trumpet-shaped flowers of pure white with a yellow flush at the base of the petals and reddish brown anthers. The outside of the flower is flushed with deep rosy red. Very hardy and easily grown. Bulbs. Each \$1.00; doz. \$10.00; per 100, \$75.00.

**RUBELLUM.** A lovely Lily bearing on stems 1 to 2 feet high from 1 to 8 flowers varying in color, like Lilium Kramerii, from the palest of pinks to a very deep rose, with yellow or orange anthers. It is perfectly hardy, more robust, and more easily established than the latter. It blooms in June or early July. Bulbs. Each 40c; doz. \$4.00; per 100, \$30.00.

**SPECIOSUM ALBUM.** A lovely pure white form of Lilium Speciosum. A strong hardy variety for out-doors and an excellent one for pot culture. Bulbs. Each 75c; doz. \$7.50; per 100, \$60.00.

**SPECIOSUM RUBRUM OR ROSEUM.** A lovely Lily, white suffused with rose-pink and dotted with crimson spots. It grows three or four feet high and bears in August from 3 to 10 delicately fragrant blooms. It is quite distinct from the other Lilies and is one of the hardest and most popular. An excellent Lily for pot culture. Bulbs. Each 60c; doz. \$6.00; per 100, \$50.00.

**SPECIOSUM MELPOMENE.** Similar to Lilium Rubrum in habit but with flowers of rich rosy-red with blood-red spots and narrowly edged white. Bulbs. Each 60c; doz. \$6.00; per 100, \$50.00.

**SPECIOSUM MAGNIFICUM.** Similar to Lilium Mel pomene but larger, of stronger habit of growth and slightly earlier in flowering. Bulbs. Each 60c; doz. \$6.00; per 100, \$50.00.

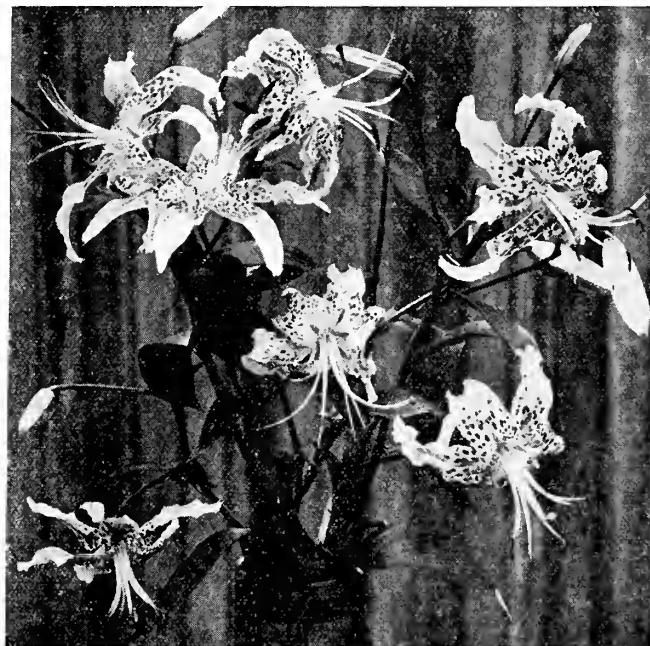
**SUPERBUM.** (American Turk's Cap Lily). A fine tall growing native Lily growing from 3 to 8 feet tall and bearing numerous blooms of bright orange shaded yellow and spotted brown. It blooms in late July or August and is an excellent variety for growing among shrubs or in the plant border. Bulbs. Each 40c; doz. \$4.50; per 100, \$35.00.

**TENUIFOLIUM.** (Coral Lily). The most brilliant of all Lilies. Numerous waxy blooms of brilliant scarlet borne, during June or early July, on plants about 18 inches high. A delicate and graceful species, good for rockeries or pot culture. Bulbs. Each 50c; doz. \$5.00; per 100, \$40.00.

**TIGRINUM SPLENDENS.** (Tiger Lily). The finest variety of this species; as many as 25 flowers, borne on plants sometimes 6 or 8 feet high. Beautiful salmon-red blooms profusely spotted, purplish black appearing in August. One of the hardest and most easily established. Bulbs. Each 35c; doz. \$3.50; per 100, \$25.00.

**TIGRINUM FLORE PLENO.** A double flowered form of Tiger Lily. The only desirable double lily in cultivation. Bulbs. Each 35c; doz. \$3.50; per 100, \$25.00.

**WASHINGTONIANUM.** A fine, fragrant lily growing from 3 to 5 feet high and producing in July, from 2 to 12 flowers, white slightly tinged and dotted lilac inside and heavily suffused with purple outside, anthers yellow. Bulbs. Each \$1.50; doz. \$15.00.



Lilium Speciosum Rubrum

# BRECK'S GLADIOLUS

## LARGE FLOWERED VARIETIES

None of the Summer-flowering bulbous plants have the great popularity enjoyed by the Gladiolus. They are everybody's flowers because everybody can grow them. Their adaptability to garden decoration or to use as cut-flowers during the Summer and early Autumn is surpassed by no other flower we know of. In cutting Gladiolus it is best to cut the spikes as soon as the first flower has opened, always leaving from four to five leaves when cutting. The remainder of the blossoms will open in the house and last much longer. The simplicity of its culture is one of the most important qualifications of this splendid flower.

In presenting to you the following Gladiolus, we wish to state that our catalogue has been entirely revised by one who has been associated with and has grown Gladiolus for the past twenty years. The entire selection is based on bulbs which have proved their merit. You will not be disappointed in any one of them. They are selected as having vigorous spikes with many flowers open at one time, but more especially for their value in clearness of color. Considerable care has also been exercised in selecting those bulbs which have a great deal of vigor. The following descriptions of Gladiolus have been made as concise as possible.

**Northern New England bulbs which average 1 1/4 inches and over in size and are considered the very best flowering sizes. Bulbs at the single or dozen prices sent post-paid. Not less than six sold at the dozen rate.**

**Cultural Directions.** Any good garden soil will grow Gladiolus provided they are planted in a sunny location. Bulbs should be planted six inches deep and from four to six inches apart. We recommend an application of Sheep Manure or a mixture of ground bone and wood ashes when extra good blooms for Exhibition purposes are desired. Otherwise, no extra or special attention is at all necessary. Bulbs may be planted as

early as the ground is dried out in the Spring, and planting may continue until the middle of July with good results. In the Autumn when the leaves begin to turn brown, or after the first two or three pronounced frosts, the bulbs should be lifted, the stalks cut off and they should be stored in a cool, dry place. Before planting dust the bulbs with Semesan. Full information on request.

**America.** Delicate lavender pink. Each 10c; doz. 75c; per 100, \$5.00.

**American Beauty.** American Beauty Rose color, yellow throat. Each 20c; doz. \$2.00; per 100, \$15.00.

**Anna Eberius.** Dark velvety purple, throat deeper shade, flowers large. Each 15c; doz. \$1.50; per 100, \$10.00.

**Annie Laurie.** A new variety of exceptional merit, white-flushed pink semi-ruffled, like its namesake "The Fairest that e'er the sun shone on." Each 50c; doz. \$5.00; per 100, \$37.50.

**Anthony B. Kunderd.** A beautiful, intensely ruffled variety; deep cream with overspread of blush pink. Each 25c; doz. \$2.50; per 100, \$18.00.

**Baron Joseph Hulot.** Rich violet. Each 20c; doz. \$1.75; per 100, \$12.00.

**Bengal Tiger.** Flowers of oriental coloring, suggestive of the tiger's markings. Each 20c; doz. \$2.00; per 100, \$15.00.

**Blue Jay.** Blue Lavender, splashed white. Each 25c; doz. \$2.50; per 100, \$18.00.

**Break O'Day.** Growth and habit very similar to Halley but of a very light pink. Each 25c; doz. \$2.50; per 100, \$18.00.

**Byron L. Smith.** Most refined lavender-pink on a white ground. Each 15c; doz. \$1.50; per 100, \$10.00.

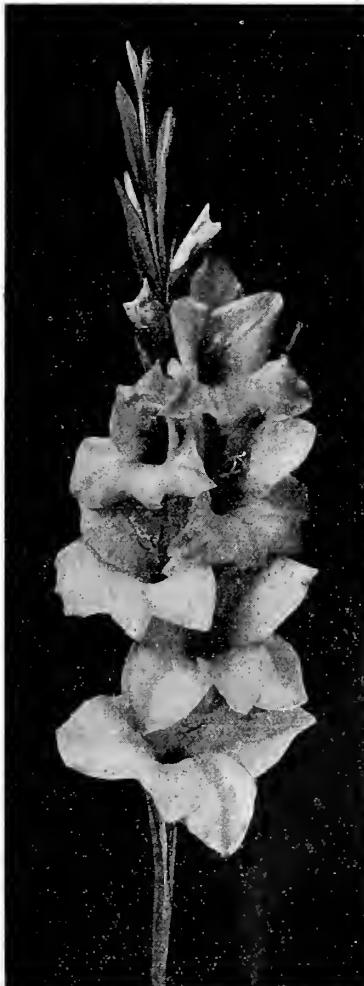
**Captain Boynton.** Color white, well brushed with lavender with maroon blotch on lower petals. Each 25c; doz. \$2.50; per 100, \$18.00.

**Carmen Sylva.** A pure white except for slight violet markings deep in the throat. Each 20c; doz. \$1.75; per 100, \$12.00.

**Catherine Coleman.** Flowers a very rich coral pink with throat markings. Each 50c; doz. \$5.00; per 100, \$37.50.

**Chateau Thierry.** Bright scarlet with stripe on creamy ground on lower petals. Each 15c; doz. \$1.50; per 100, \$10.00.

**Crimson Glow.** A perfect scarlet of a deep tone, very large open flowers of the finest form and exceedingly well placed. Each 15c; doz. \$1.50; per 100, \$10.00.



Jane Addams

**Dolly Varden.** Yellow with deep pink border. Each 35c; doz. \$3.50; per 100, \$25.00.

**Dr. F. E. Bennett.** An unusual red, most fiery imaginable and very large flower.

Each 50c; doz. \$5.00; per 100, \$37.50.

**Dr. Van Fleet.** Oriental red finely rayed over yellow. Odd and very pleasing. Each 20c; doz. \$2.00; per 100, \$15.00.

**E. J. Shaylor.** Tall strong spike, with blooms of beautiful deep rose pink. Each 15c; doz. \$1.50; per 100, \$10.00.

**Elizabeth Tabor.** Delicate rosy pink on white ground, rich dark crimson blotch. Each 25c; doz. \$2.50; per 100, \$18.00.

**Elkhart.** Very clear light violet purple, deeper in throat. An extraordinary rich color, unusually fine and choice. Each 35c; doz. \$3.50; per 100, \$25.00.

**Europa.** The best white yet offered. Each 25c; doz. \$2.50; per 100, \$18.00.

**Evelyn Kirkland.** Rosy pink, darker at the edges, shading to shell pink. Each 15c; doz. \$1.50; per 100, \$10.00.

**Fern Kyle.** Kunderd's massive creamy white exhibition variety. A well grown specimen of this variety is unbeatable for the exhibition table. Each 25c; doz. \$2.50; per 100, \$18.00.

**Geraldine Farrar.** Pale lavender violet with a deep violet spot on the tip. Each \$1.00; doz. \$10.00.

**Giant Nymph.** A giant in growth and flowers. Light rose pink color. Each 20c; doz. \$1.75; per 100, \$12.00.

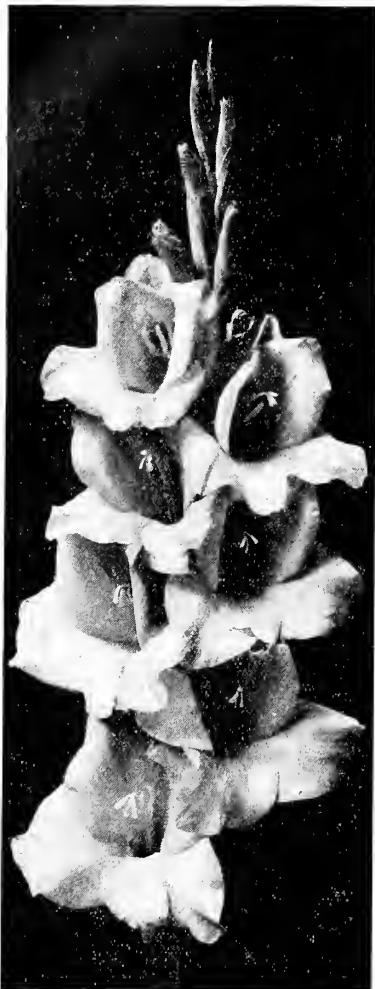
**Gloriana.** A fine new large salmon-pink. Each 75c; doz. \$7.50.

**Gold.** Spike of medium height with large flowers, pure yellow. Each 20c; doz. \$1.75; per 100, \$12.00.

**Golden Glory.** Ruffled flowers of yellow. Each 25c; doz. \$2.50; per 100, \$18.00.

**Golden Measure.** Tall vigorous spike with many large pure yellow flowers. Each 20c; doz. \$2.00; per 100, \$15.00.

**Goldie Locks.** A fine pure yellow without any marking, one of the best varieties. Each 50c; doz. \$5.00; per 100, \$37.50.



Jenny Lind

**Gretchen Zang.** Soft salmon-pink shading to darker patch on lower petals. Blossoms large. Stalk tall. Each 10c; doz. \$1.00; per 100, \$7.50.

**Halley.** Rich salmon-pink, fading to pale flesh at centre, patch of pale yellow striped with carmine. Blooms early. Each 10c; doz. 75c; per 100, \$5.50.

**Henry C. Goehl.** Flowers large and well opened, with broad segments of solid white slightly flushed pink. Lower segments blotched deep crimson. Each 50c; doz. \$5.00; per 100, \$37.50.

**Henry Ford.** Very dark Rhodamine Purple shading into a deeper shade near centre, flowers are of large size. Each 20c; doz. \$2.00; per 100, \$15.00.

**Herada.** Pure mauve with deeper markings. Each 10c; doz. \$1.00; per 100, \$7.50.

**Jack London.** Light salmon, orange flame stripes. Bloom well placed and many open. Each 15c; doz. \$1.50; per 100, \$10.00.

**Jane Addams.** Beautiful new lavender with white throat. Each \$1.00; doz. \$10.00.

**Jenny Lind.** Soft salmon pink, creamy throat, a deserving favorite. Each 25c; doz. \$2.50; per 100, \$18.00.

**John T. Pirie.** Mahogany brown with yellow bordered brown throat. Color most unusual and very attractive. Each 50c; doz. \$3.50; per 100, \$27.50.

**Kunderdi Glory.** Ruffled flowers of creamy apricot marked red on lower petals. Each 15c; doz. \$1.50; per 100, \$10.00.

**La Couronne.** Creamy yellow shading to deeper yellow at base of flower petals, blotched very brilliant scarlet. Very showy. Each 35c; doz. \$3.50; per 100, \$25.00.

**Laughing Water.** Clear bright salmon rose. Each 35c; doz. \$3.50; per 100, \$25.00.

**Le Maréchal Foch.** Delicate pink-lavender. Each 10c; doz. \$1.00; per 100, \$7.50.

**Longfellow.** La France pink, very large wide-open blooms, perfectly placed on tall, slender stem. Each 50c; doz. \$5.00; per 100, \$37.50.

**Los Angeles.** Delicate pink with cerise feather. Each 25c; doz. \$2.50; per 100, \$18.00. doz. \$1.75; per 100, \$12.00.

**Louise.** Large, fully open bright lavender blooms with wine colored blotch in throat. Each 20c; doz. \$1.75; per 100, \$12.00.

**Madame Monet Sully.** Creamy white, orange blotch. Each 50c; doz. \$5.00; per 100, \$37.50.

**Marie Kunderd.** A beautifully ruffled pure white, with almost invisible soft pink line in centre. Each 25c; doz. \$2.50; per 100, \$18.00.

**Marjory Gage.** Cream suffused pink with a large crimson blotch, flowers of heavy texture and showy. Each 25c; doz. \$2.50; per 100, \$18.00.

**Marshal Foch.** Flower is of immense size, well opened and beautifully ruffled. Color is warm salmon. Each 25c; doz. \$2.50; per 100, \$18.00.

**Mary Fennell.** Pink-lavender, lower petals yellow. Each 20c; doz. \$2.00; per 100, \$15.00.

**Mary Pickford.** Creamy white with soft yellow throat. Each 15c; doz. \$1.50; per 100, \$10.00.

**Minuet.** New self colored lavender. Each \$1.50; doz. \$15.00.

**Mr. Mark.** The best blue with darker blotch. Each 20c; doz. \$2.00; per 100, \$15.00.

**Mr. W. H. Phipps.** Beautiful flesh pink with about 22 blooms to a spike and nearly all opening at a time. Each 50c; doz. \$4.50; per 100, \$35.00.

**Mrs. Dr. Norton.** White shading to soft pink at edge of petals, lower petals blotched with sulphur. Each 15c; doz. \$1.50; per 100, \$10.00.

**Mrs. Ella G. Morrison.** One of California's newest and best varieties, large flowers of immense size, color rich shell pink with pale throat, has all the best points expected of a good Gladiolus. Each 50c; doz. \$3.50; per 100, \$27.50.

**Mrs. F. C. Hornberger.** One of the finest Gladioli ever produced and will rank as the leading white. Nicely ruffled, wide open, perfectly placed bloom of remarkable texture with 28 buds to the spike. Very vigorous grower. Each \$1.50; per doz. \$15.00.

**Mrs. Francis King.** Red blotch on lower petal. Each 10c; doz. \$1.00; per 100, \$7.50.

**Mrs. Frank Pendleton.** Deep rose-pink of two tones, patch of carmine. Each 10c; doz. \$1.00; per 100, \$7.50.

**Mrs. Frederick C. Peters.** Rich rose violet flowers resembling orchids. Each 20c; doz. \$2.00; per 100, \$15.00.

**Mrs. H. E. Bothin.** Light geranium pink, heavily ruffled, scarlet centre. One of the most perfect creations ever produced and of the loveliest color combination. Each 20c; doz. \$1.75; per 100, \$12.00.

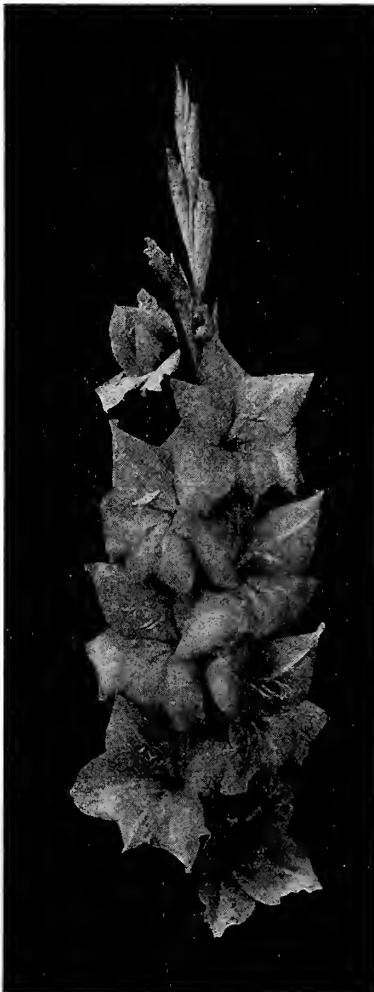
**Mrs. Leon Douglas.** The size of the flowers of this variety is very large and spikes very long, having as many as seven side spikes on each main spike. Ground color begonia rose, striped with brilliant scarlet. Pale lemon lip, slightly speckled ruby. Grows to a height of five feet and over. Each 25c; doz. \$2.50; per 100, \$20.00.

**Mrs. Watt.** French crimson of beautiful tone. Each 10c; doz. \$1.00; per 100, \$7.50.

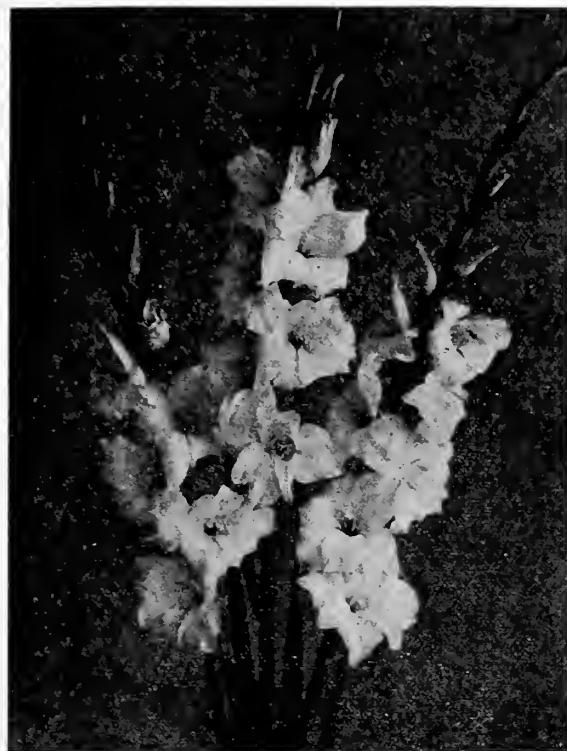
**Muriel.** Lavender, deep velvety purple blotch. Each 20c; doz. \$2.00; per 100, \$15.00.

**Myrtle.** Apple-blossom pink, throat white. Each 20c; doz. \$1.75; per 100, \$12.00.

**Nancy Hanks.** Tall large flowered variety, shades of rich peach red to orange pink. Each 35c; doz. \$3.50; per 100, \$25.00.



Longfellow



Mrs. Dr. Norton

blooms on fine spike. Each 40c; doz. \$4.00; per 100, \$30.00.

**Remembrance.** Deep rose with carmine throat. Each 25c; doz. \$2.50; per 100, \$18.00.

**Rev. Ewbank.** A beautiful light porcelain blue. Each 30c; doz. \$3.00; per 100, \$20.00.

**Richard Diener.** Very live rose-salmon with creamy yellow centre. Each 30c; doz. \$3.00; per 100, \$20.00.

**Rhoderick Dhu.** Shimmering rose pink with large dark red blotch, very showy. Each \$2.00; doz. \$20.00.

**Rita Beck.** Pure flesh pink with small red line. Each \$3.00.

**Rose Ash.** A rare pastel color. Flowers large, well set on a very large, tall spike. Color corinthian red fading to ashes of roses. Each 20c; doz. \$2.00; per 100, \$15.00.

**Rose Glory.** Ruffled flowers of pure rose pink. Each 20c; doz. \$2.00; per 100, \$15.00.

**Saraband.** Unusual color, rich velvety Bordeaux with yellow blotch. Each 75c; doz. \$7.50.

**Scarlano.** Light bright orange-red, fine spike and flowers beautifully ruffled. Each 15c; doz. \$1.50; per 100, \$10.00.

**Scarlet Princeps.** Large scarlet flowers with six or more flowers open. Each 20c; doz. \$2.00; per 100, \$15.00.

**Scarlet Wonder.** Giant flowered, rich, glowing scarlet-red, self-color. Each 30c; doz. \$3.00; per 100, \$20.00.

**Schwaben.** Canary-yellow shading to sulphur. Each 10c; doz. \$1.00; per 100, \$7.50.

**Sidney Plummer.** Beautiful soft yellow, suffused delicate pink. Rich amber lip, amaranth purple tongue. Each 30c; doz. \$3.00; per 100, \$20.00.

**Sweet Lavender.** A lovely combination of light lavender-pink blending into creamy yellow, with very prominent magenta-red blotch. Each 20c; doz. \$2.00; per 100, \$15.00.

**Tycko Zang.** Salmon pink with white throat. Each 35c; per doz. \$3.50; per 100, \$25.00.

**Violet Glory.** Rich deep violet shade, ruffled. Each 25c; doz. \$2.50; per 100, \$18.00.

**Waban.** Clear glowing orange with dark blotch. Each 35c; doz. \$3.50; per 100, \$25.00.

**War.** Deep blood-red, shaded crimson. Each 15c; doz. \$1.50; per 100, \$10.00.

**White Glory.** Gorgeous pure white ruffled flowers. Each 20c; doz. \$2.00; per 100, \$15.00.

**White Wonder.** Pure white flower, fine for cutting. Each 20c; doz. \$2.00; per 100, \$15.00.

**Wilbrink.** A delicate creamy pink. Each 10c; doz. \$1.00; per 100, \$7.50.

**Winifred.** Very showy new type with long spikes of rich apricot and yellow. Each 50c; doz. \$5.00; per 100, \$37.50.

**Yellow Wonder.** A clear buttercup yellow. Each 75c; doz. \$7.50.

**Osalin.** A lovely coral-pink with soft orange markings in the throat. Each 50c; doz. \$5.00; per 100, \$37.50.

**Panama.** Bright rosy-pink, with lincs of deeper tone on lower petals. Each 10c; doz. \$1.00; per 100, \$7.50.

**Peace.** White with slight bluish tint. Blossoms large. Each 10c; doz. \$1.00; per 100, \$7.50.

**Peach Rose.** Deep rose-pink, very choice. Each 25c; doz. \$2.50; per 100, \$18.00.

**Pearl of California.** A new introduction which we are pleased to be able to offer. A very strong upright grower, flowers of excellent quality measuring five inches in diameter on long spike which contains from 26 to 32 buds. The flower is of the clearest soft La France pink with clear rosy white throat. Each \$2.50; doz. \$25.00.

**Persia or Arabia.** One of the most beautiful and the darkest variety in commerce, color an extreme deep red of the mahogany tone, so dark as to be almost black, the flowers appear as if made of heavy velvet. Each 35c; doz. \$3.50; per 100, \$25.00.

**Pink Lily.** A magnificently ruffled deep rose pink. Well placed on sturdy spikes. Each 25c; doz. \$2.50; per 100, \$18.00.

**Pink Wonder.** Strong grower with 4 and 5 massive blooms open at once. Fine pink color shading to yellow in the throat, with slight rose feathering. Each 15c; doz. \$1.50; per 100, \$10.00.

**Prince of India.** Color varies from light to deep smoky gray, many of the petals being zoned, banded and freely pencilled with dark slatey blue mottled with white. Each 50c; doz. \$5.00; per 100, \$37.50.

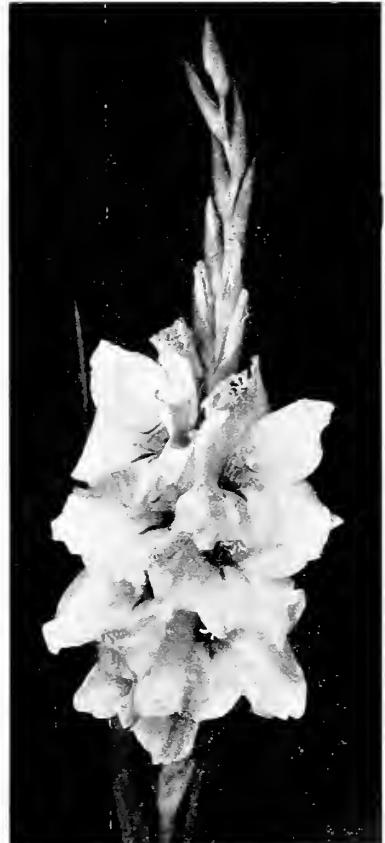
**Prince of Wales.** Salmon-rose of exquisite tone, with lilac centre, and carmine on lower petals. Each 10c; doz. \$1.00; per 100, \$7.50.

**Purple Glory.** Ruffled flowers of deep velvety purple. Each 30c; doz. \$3.00; per 100, \$20.00.

**Pythia.** A gigantic red with many blooms open at a time. Extremely showy and grand. Each 30c; doz. \$3.00; per 100, \$20.00.

**Red Copper.** Large flower, deep salmon rose, heavily flaked blue. Lower petals, red, white and yellow penciled with blue. Wonderfully odd and attractive. Each 30c; doz. \$3.00; per 100, \$20.00.

**Red Fire.** Kunderd's new red variety and the reddest red of them all. Many well placed, large



Sidney Plummer

## A NEW GLADIOLUS BOOK!!

At last we have a really up-to-date book on the cultivation of this extremely popular flower. We recommend to every one growing Gladiolus either for pleasure or for profit the book "GLADIOLUS" by F. F. Rockwell. Write for yours today. \$1.00 per copy.

# GLADIOLUS

## PRIMULINUS

The following list of Gladiolus Primulinus is strongly recommended by us as being of superior merit. The colors are clear and pure. The plants are erect in habit and have many large flowers open at one time. They also have the exceptional value of being good keepers after being cut. The colors of Gladiolus Primulinus tend to yellows, oranges, and tints of pink, rose, etc. They are without a doubt the finest vase flowers.

**Ada De Poy.** Long spikes of well placed flowers of clear apricot with bronze shadings. Splendid variety for exhibiting and cutting. Each 50c; doz. \$5.00; per 100, \$37.50.

**Alice Tiplady.** Beautiful orange saffron. Each 10c; doz. \$1.00; per 100, \$7.50.

**Dorothy Wheeler.** It is a most beautiful rose-pink with a lighter throat, slightly ruffled. Plant tall and many flowers open at once. Each 20c; doz. \$1.75; per 100, \$12.00.

**Ethelyn.** Beautiful shade of orange-yellow, petals tipped with bronze. Each 35c; doz. \$3.50; per 100, \$27.50.

**Jewel.** Considered the most beautiful variety grown. Clear salmon-pink, melting to a very beautiful yellow throat. Each 15c; doz. \$1.50; per 100, \$10.00.

**Maiden's Blush.** Exquisite blush pink. Free and early flowering. Each 10c; doz. \$1.00; per 100, \$7.50.

**Ming Toy.** Tall, large, beautiful buff, yellow centre. Each 15c; doz. \$1.50; per 100, \$10.00.

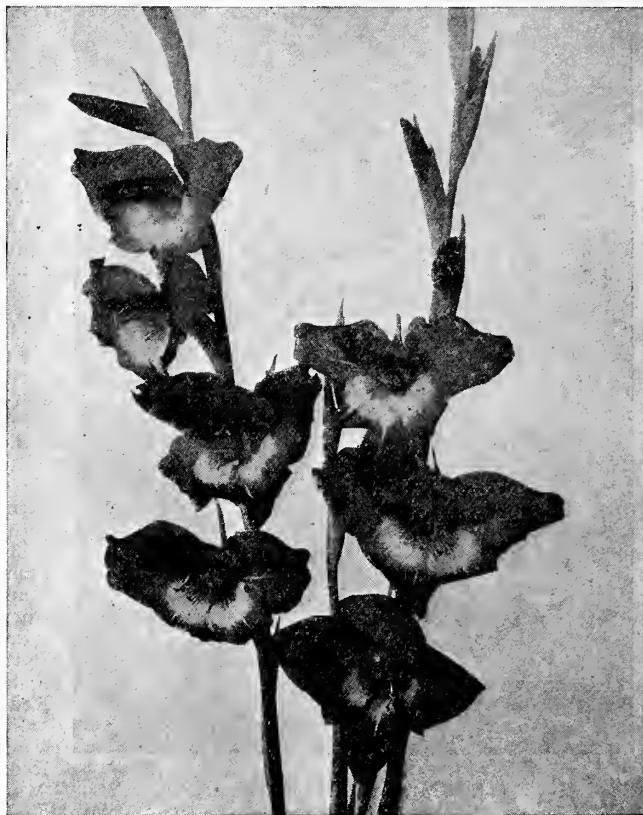
**Primadonna.** Rich yellow with very deep yellow lip. Graceful and airy, side segments very broad giving the blooms the appearance of a butterfly. Each 15c; doz. \$1.50; per 100, \$10.00.

**Rose Mist.** Old rose edged with pallid neutral gray. Large flowers. Each 50c; doz. \$5.00; per 100, \$37.50.

**Salmon Beauty.** A very large and showy flower. The color is deep orange-salmon, with a rich salmon-yellow throat. Each 10c; doz. \$1.00; per 100, \$7.50.

**Scarlet Bedder.** Large and lovely flowered primulinus, a clear scarlet-red self, blooms are wide open and of magnificent color. This we consider the best red Prim yet introduced. Each \$2.00; doz. \$20.00.

**Shell Pink.** Very large flowers of beautiful shell-pink, almost self-color. Each 25c; doz. \$2.50; per 100, \$18.00.



Gladiolus Primulinus

**Souvenir.** Deep clear yellow, finest of its shade in this type. Each 15c; doz. \$1.50; per 100, \$10.00.

**White Butterfly.** A fine pure white variety of decided butterfly form. Each 20c; doz. \$2.00; per 100, \$15.00.

**Mixed Primulinus Hybrids.** Doz. 60c; per 100, \$4.50.

## BRECK'S MIXTURES AND COLLECTIONS

### BRECK'S TOP-NOTCH MIXTURE

A very choice mixture selected from the best of the newer large-flowered varieties, particular care being taken to include only colors which harmonize well together.

Per dozen, \$1.00; per 100, \$7.50.

### EXHIBITION MIXTURE

Made up by us from popular varieties.

Per dozen, 75c; per 100, \$5.00.

### GARDEN MIXTURE

A well-balanced mixture. For brilliant garden display or cutting. Per dozen, 50c; per 100, \$3.50.

### BRECK'S MIXTURES OF SEPARATE COLORS

	Doz.	Per 100
Blue and Lavender shades .....	\$1.00	\$7.00
Pink and Rose shades .....	.75	5.00
Scarlet and Red shades .....	.75	5.00
Striped and Variegated shades .....	.75	5.00
White and Light shades .....	.75	5.00
Yellow and Orange shades .....	1.00	7.00

### BRECK'S POPULAR COLLECTION

This Collection, which has met with great favor in past seasons is not a mixture, but comprises two dozen blooming-size bulbs in four named varieties, our selection.

Sent postpaid to any address for \$2.00.

### BRECK'S HARLEQUIN BEAUTIES

This collection has been selected from the large flowered varieties. We have taken great pride in the selection of varieties going into this collection. From actual study when they are in bloom the varieties give a wide range of the best colors and largest flowers.

20 Bulbs. No Two Alike, Price \$1.00.

### PRIMULINUS HYBRIDS MIXTURE

Unnamed hybrid seedlings in a beautiful combination of colors. Per dozen, 60c; per 100, \$4.50.

# BRECK'S DAHLIAS

Until a few years ago the Dahlia was looked upon as a flower grown entirely for the show table. The more recent introductions have brought forth a totally different class of plant with a habit of growth and a profusion of flowers that produce a marvelous display of color in the garden and if suitable varieties are used to harmonize with the color scheme they help greatly to maintain, in the Autumn, the brilliance of colors when so many other plants are fading. Large groups or beds may be introduced on grass plots. In the herbaceous border where there are narrow borders, single plants may be placed, or in the shrubbery borders between the shrubs they will be found invaluable to enliven the border. In the formal garden it is also quite possible to use the dahlia with telling effect.

## DECORATIVE

**Double Flowers**, full to center in early season, flat rather than ball shaped, with broad, flat, somewhat loosely arranged floral rays with broad points or rounded tips, which are straight or decurved (turned down or back), not incurved if rolled at all.

**Aida.** Deep maroon. One of the best of its color. **Each \$1.00.**

**Amun Ra.** A Decorative of great size in richest shades of coppery bronze. Carries a mass of blooms late in the season when we most want the rich autumn colors. **Each \$1.00.**

**Amy Peabody.** A novelty, scarlet with white tips. **Each 75c.**

**Azalea.** Autumn shade, very productive and in great demand for decorative purposes. **Each 50c.**

**Bashful Giant.** A most beautiful autumn shade; an exquisite apricot with buff and golden tints. **Each 75c.**

**Bertha Story.** The flower is very large of a beautiful rose-pink. Occasionally white petals appear. **Each 50c.**

**Bonnie Brae.** Cream, shaded blush pink. Flowers are of true decorative form. **Each 50c.**

**Bradford.** Bright brilliant red. **Each 50c.**

Calvin Coolidge. The color is rose pink suffused salmon and each petal edged with gold. A very beautiful and stately dahlia. **Each \$2.50.**

**Contrast.** Dark red, tipped white. **Each 50c.**

**Darlene.** One of the earliest and most continuous bloomers. White tinted pink. **Each 25c.**

**Delice.** In color, a charming, bright, rose-pink, suffused with lavender pink. **Each 50c.**

**Della V. Potter.** A fine shade of lavender-pink. This variety is in the class with Mrs. I. De Ver Warner as to color and growth. **Each 75c.**

Elite Glory. It is a monstrous flower of a brilliant rich red color, without any apparent purple shading. **Each \$3.50.**

**Elizabeth Slocombe.** When first open, it is a rich, brilliant purplish-garnet color. **Each 35c.**

Ellinor Vanderveer. Glowing satiny, rose-pink with darker shadings, of great depth and substance. Excellent stems and bush growth. **Each \$1.00.**

E. P. O'Connor. Beautiful flowers carried on good stems. Opalescent pink with distinct reverse of purple. **Each \$1.50.**

**Frank A. Walker.** Beautiful shade of lavender-pink. **Each 25c.**

Gilda Gray. Petals of this decorative are of a pure lilac color shading to a deep Tyrian rose toward center. **Each \$1.00.**

**Glory of New Haven.** Clear lavender pink. One of the best new varieties. **Each 50c.**

**Gloriana.** Pure old gold, one of the best. **Each 50c.**

**Golden West.** Clear canary yellow of good size, with stiff stems and an early profuse bloomer. **Each 35c.**

Golden Wonder. Color, a light yellow sometimes shading to apricot, with each petal tipped pure white. **Each \$1.00.**

Grandola. Very attractive, its color being a brilliant golden orange. The blooms are of medium size. **Each \$2.50.**

**Isabel Street.** Base of petal is bright yellow, shading to bright rose red, with white tips; reflex pale pink. **Each 75c.**

J. H. Slocombe. A gorgeous flower of an intense deep red, suffused with a beautiful velvety sheen. The petals prettily curied and twisted make this most attractive. **Each 75c.**

**Jack Rose.** The best crimson for garden or cutting; that brilliant crimson red that made the Jack Rose popular and suggested the name. **Each 25c.**

Judge Alton B. Parker. Large deep golden bronze. **Each 75c.**

Jean Roosevelt. A large amber buff center shading through salmon-pink to a rose with a rose reverse. **Each \$2.50.**

Jersey's Beauty. The finest true pink decorative dahlia yet produced, not a shade of lavender, but a clear pink with tips of petals slightly touched with gold. **Each \$1.00.**

Judge Marean. A riot of blending color, ever changing as the flower ages. There is a glowing salmon pink, iridescent orange, yellow and pure gold, and the shades all blend most beautifully. **Each \$1.00.**

Le Grand Manitou. Large, lilac pencilled crimson. **Each 35c.**

Liberty Bond. A blending of buff, bronze, and salmon shades. The flower is very large and attractive. **Each 75c.**

Margaret Woodrow Wilson. Color, opalescent pink. Flowers held well out of dark green foliage. **Each \$2.50.**

Marion Weller. A pleasing shade of soft pink. **Each \$1.00.**

Mina Burgle. A glowing brilliant scarlet. **Each 25c.**

Minnie McCullough. Entirely distinct, in a class by itself, on account of the autumn shades—the gold and red of autumn leaves. **Each 35c.**

Mr. Alex. Waldie. Color, cream overlaid salmon pink. Similar to Bonnie Brae. **Each \$1.00.**

Mr. Crowley. A beautiful luminous shade of salmon pink. Flowers of large size, fine form and substance. **Each 75c.**

Mrs. Carl Salbach. Beautiful shade of lavender-pink. **Each 50c.**

Mrs. Charles H. Breck. A rich, creamy yellow passing to rose pink, streaked with all the intermediate shades. **Each 50c.**

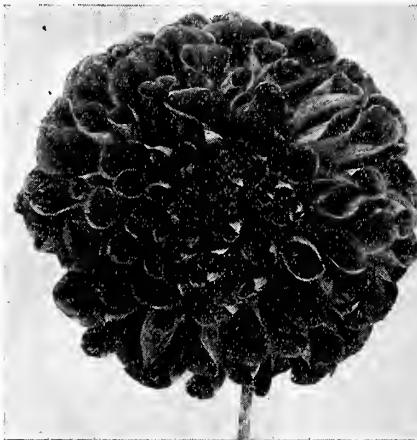
Mrs. Eleanor Martin. A peculiar rose shade with reverse of violet, well described as "Mulberry." **Each \$1.00.**



Jersey's Beauty



Cactus Type



Ball Shaped Type



Peony Flowered Type

**Mrs. F. F. Shock.** Color picric yellow at base of petals, blending to almost pomegranate purple at the tips. Each 50c.

⊕**Mrs. I. De Ver Warner.** A clear bright lilac rose. Each \$1.00.

**Mrs. J. Harrison Dick.** Citron yellow at center, outer petals suffused and overlaid salmon pink, a lovely and effective combination. Each 50c.

⊕**Mrs. John K. Allen.** Flowers are large and attractive; petals are long, narrow and semi-quilled, with a slight twist toward outer edge. Coloring is two tone effect, a light cardinal red, with a buff yellow reverse. Each \$2.00.

**Mrs. John T. Scheepers.** A lovely large canary color, changing old rose pink on outer petals. Each \$2.00.

⊕**Myra Valentine.** Large golden bronze flowers on two to three foot stems. Each \$1.00.

**Noir Alvarez.** A very rich, deep, velvety oxblood-red, the best of its color to date. Each 50c.

⊕**Papillon.** An improved George Walters, which it resembles, although decidedly different in coloring. Beautiful old rose illuminated with golden lights. Each \$1.00.

**Patrick O'Mara.** Considered the best Autumn shade variety in existence. The color is a pleasing shade of orange-buff, slightly tinged with Neyron rose. Each 75c.

**Paul Michael.** Deep orange buff shaded to old rose on reverse of petals. Each 75c.

⊕**Paul Revere.** This fine red dahlia does not fade or burn in the strongest sunlight. A rich, bright velvety red. Each \$2.50.

⊕**Polar Snow.** A sensational, pure white, full, deep blossom. Each \$1.00.

⊕**Pop Stewart.** A wonderful grower on excellent stems. Pure lilac pink. Each \$1.50.

**Preferencia.** Large yellow, curved and twisted petals, a wonderful cut flower variety. Each 35c.

**Pride of California.** Rich crimson. Each 50c.

⊕**Pride of Stratford.** Orange shading to light orange yellow at the base of the petals, the reverse rose doree. Each \$3.50.

**Pride of the Garden.** Pure gold in color with now and then a white petal. Each \$1.00.

**Private Byron L. Streeter.** Very deep purple grown on long stiff stems. Each \$1.00.

**Queen Mary.** Clear silvery cerise pink. Each 35c.

⊕**Robert Scott.** This fine new dahlia is of a bright apricot yellow with shades of rose. Each \$2.50.

⊕**Rodman Wanamaker.** The buds are pale lemon yellow as each petal expands, but quickly develops into a golden pink and finally into a bright shade of salmon pink. Each \$2.00.

⊕**Roman Eagle.** An uncommon autumn shade of a brilliant burnished copper. Each \$2.00.

⊕**Rose Fallon.** Giant old gold decorative, finest form and type. Each \$2.50.

⊕**Sagamore.** Amber gold, elusively shaded with a warm salmon rose and orange buff. Each \$1.00.

**Sarah Harley.** Color a rose-pink the petals being tipped with white. Each 75c.

**Silvertip.** Red with white tips. It is very attractive and in great demand by Dahlia lovers. Each \$1.00.

**Snowdrift.** This giant white deserves its name. Each 50c. **Souvenir de Gustave Doazon.** Hugh blooms, remarkably free flowering. Each 35c.

**Swift.** Large lemon yellow decorative, height about four feet. One of the best for cut flowers and decorating. Each 50c.

**Sylvia.** Deep pink, tinted to light pink at the center. Each 25c.

⊕**T. A. Leonard.** Cerise or bright carmine rose. Each \$1.00.

⊕**Tommy Atkins.** A large deep blossom of flaming scarlet or a golden scarlet, full of metallic luster. Each \$1.00.

⊕**The Giantess.** Rightly named. A perfect giant of a rich solid amber, strong plants and stems. Each \$2.00.

⊕**The Ghost.** A beautiful new white Hybrid decorative dahlia. Each \$3.00.

⊕**The Surprise.** A free bloomer, held erect on good stems; a deep rich wine color. Each \$2.00.

⊕**The Telegram.** This is a beautiful deep orange, with pure white tips. Each \$2.00.

⊕**The Chrysler.** Good keeping quality when cut. A beautiful orchid color. Each \$1.50.

**The Millionaire.** The shade cannot be surpassed in daintiness of colorings in the most delicate of lavender with a faint pink cast over-shading it. Each 50c.

⊕**Uncle Tom.** This is the nearest to black of any Dahlia. It is deep garnet, with a rich velvety texture. Each \$2.00.

⊕**World's Best White.** Considered by many Dahlia growers the best white decorative Dahlia. Each \$2.00.

**Wm. H. Slocombe.** The largest and best yellow. Each 75c.

## CACTUS AND HYBRID CACTUS

True, fluted type: Flowers fully double, floral rays (petals) long, narrow, incurved or twisted, with sharp, divided, or fluted points and with revolute (rolled back) margins, forming, in the outer florets, a more or less perfect tube for more than half the length of the ray. Hybrid cactus or semi-cactus type: Flowers fully double; floral rays short as compared with previous type, broad, flat, recurved or twisted, not sharply pointed, except when tips are divided (stag-horn), margins only slightly revolute, and tubes of outer florets, if any less than half the length of the ray.

⊕**Alice Whittier.** The color of this beauty is heavy primrose or sulphur yellow. The flower is evenly built with long spikelike petals and is from 5 to 6 inches deep and 9 to 10 inches in diameter without forcing. Each \$2.50.

⊕**Ambassador.** In evidence at every Dahlia show is this fine exhibition and commercial flower of soft yellow buff shaded salmon pink. Each \$1.00.

**Attraction.** Large, elegant flower of a clear lilac rose, borne on a long stiff stem. Each 50c.

**Bianca.** A vigorous grower; beautiful rose-lilac flowers on strong erect stems. Each 50c.

**Chocolate Soldier.** Dark maroon, nearly black. A most unusual shade and greatly admired by many. Each 75c.

**Claire Kulp.** Rich cardinal red shaded garnet, yellow at the base and at tip of petals. Each 50c.

**Countess of Lonsdale.** Deep salmon-red. Each 50c.

**Elsa Bonnell.** Rich deep velvet carmine. Each 50c.

⊕**Ethel M.** Large blooms of the most pleasing and attractive shade of glowing amaranth pink at the base of the perfectly quilled petals. Each \$1.00.

**F. W. Fellows.** In color it is an intense coral-red with deeper suffusion at the center. Each 75c.

⊕**George Walters.** A free and early bloomer with an occasional open center. Color, coppery old gold with buff rose reverse. Each \$1.00.

**Gladys Bates.** The color is tan with the reverse of the petals rose colored. Each \$1.00.

⊕**Golden Heart.** The plants are covered with beautiful formed flowers of a deep rich yellow. Each \$5.00.

⊕**Jean Chazot.** One of the very finest of all the autumn-tinted cactus varieties. The color is nasturtium red with golden suffusion, frequently tipped with golden yellow. Each \$1.00.

**J. H. Jackson.** Finest dark crimson maroon. Each 25c.

**Kalif.** Huge flowers, sometimes measuring nine inches across, of perfect form. Color a pure scarlet. Each 50c.

**Lawine.** White, lightly suffused pink. A strong vigorous grower, early and profuse bloomer. Each 35c.

**Libelle.** Not large but perfect in form and habit. A clear, deep rose-purple. Each 25c.

**Margaret Bouchon.** Deep lavender-pink tipped white. A strong grower with a graceful appearance. Each 75c.

**Margaret E. Millis.** A very conspicuous and attractive flower of an orchid-pink shade. The petals are inclined to twist. Each 50c.

**Mary Dorr.** Deep amaranth pink, with white tips and center. The flowers are large, with long narrow, pointed, incurved petals. Each 75c.

**Mme. Henri Cayeux.** Clear pink, tinted to white at the tips. Long slender petals. A strong grower and extremely profuse bloomer. Each 50c.

**Mrs. Edna Spencer.** An exceptional fine variety for cutting. Color silvery-lilac, shading to bright orchid-pink. Each \$1.00.

**Mrs. Estelle Lawton Lindsey.** A brilliant scarlet with blends of yellow. Each 75c.

**Mrs. Ethel F. T. Smith.** Creamy white, shading to lemon white at the center. Blossoms held well above the foliage on long stems. Each 75c.

**Mrs. Leo Niessen.** Yellow at base, suffused and heavily tipped a rich bronzy red. Each 50c.

⊕**Mrs. John L. Gardner.** Very striking dahlia of a blood red, evenly tipped white, very beautiful. Each \$2.00.

**Pierrot.** Very large, narrow incurving petals of a deep amber color, usually showing white tips on long stems. Each 75c.

**Queen of Hearts.** A beautiful pure white with yellow at base of petals, making it a most lovely flower. Each 25c.

**Rene Cayeux.** In color it is a clear, rich, glowing crimson and it is literally covered with flowers the entire season, making one of the best cut-flower and garden dahlias. Each 35c.

⊕**Roycroft.** Large size, excellent form, petals rolled to tips. Color is cinnamon buff. Each \$2.00.

**Rube Girl.** A remarkable bronzy or "autumn shade" variety that has forged its way to the front. Each 50c.

⊕**Sun Maid.** A glorious orange red and gold dahlia of unusual size and perfect form. Each \$2.50.

⊕**The Supreme.** Flowers very large, clear sulphur yellow. One of the best varieties for all purposes. Each \$2.00.

**Tryphimnie.** A most delightful combination of light and deep pink with golden yellow shadings at the base. Each 75c.

**U. S. A.** An early and continuous bloomer of a glowing deep orange shade. The flowers are of splendid form, enormous size, and borne on substantial stems. Each \$1.00.

**W. B. Childs.** Dark purplish maroon. Each 25c.

## PAEONY FLOWERED

Semi-double flowers, with open center, the inner floral rays being usually curled or twisted, the other or outer petals being either flat or more or less irregular.

**Helen Keller.** A fine pink paony dahlia. Each 75c.

**Latona.** A very exquisite variety. Flowers very freely. An unusual blending of orange, buff and yellow. Each 50c.

**Mrs. Bowen Tufts.** Rosy-purple, free-flowering. Each 25c.

⊕**Mrs. Frances E. Bullard.** The petals are long, pointed and gracefully twisted forming a very distinct flower of a clear silver or pastel pink. Each \$1.00.

**Priscilla Agnew.** The most beautiful of all White Paony Dahlias. The flowers are snow white, and most beautifully formed. Each 50c.

**Rosalia Styles.** The largest and best of its class. Beautiful form, a wonderful live lustrous color—bright tyrian pink tipped lighter; reflex pink. Each 75c.

## SHOW OR BALL-SHAPED DOUBLE

Double flowers, globular or ball-shaped, rather than broad or flat, full to center, showing regular spiral arrangement of florets; floral rays more or less quilled or markedly involute margins and rounded tips.

**A. D. Livoni.** The flowers are of a very beautiful shade of pink making it still one of the most desirable. A perfect ball. Each 25c.

**Maude Adams.** Pure white, very effectively tipped, a delicate clear pink. Each 50c.

**Miss Helen Hollis.** Color, deep scarlet. Blossoms are on long, stiff stems, well above the foliage. Each 50c.

**Rose.** The most beautiful shade of rose of any dahlia in existence. Flowers carried erect on extra long stems. Each 35c.

**Stradella.** Beautiful deep purple-crimson. Exceptionally free flowering. Stems long and wiry. Each 25c.

**Storm King.** A most reliable white dahlia. Each 25c.

**Vivian.** A great favorite. The color is white, effectively edged rose violet. Each 35c.

## POMPOM

Shape and color may be same as Showtype, but must be under two inches in diameter. Each 35c.

**Aerial.** Deep orange buff.

**Amber Queen.** Amber, shaded apricot.

**Challenge.** Red and white.

**Little Beauty.** Soft pink.

**Little Jennie.** Primrose-yellow.

**Snowclad.** Small free blooming white.

**Sunbeam.** Bright yellow.



Papillon

# BRECK'S DAHLIA COLLECTIONS

## BRECK'S SPECIAL COLLECTION

This collection of six Dahlias sent as an introductory offer; \$1.00 Postpaid.

Maude Adams	Rose
Rose Pink Century	Queen Mary
Miss Helen Hollis	Vivian

## BRECK'S CACTUS COLLECTION

This collection combines the best of the Cactus Dahlias; excellent for Tea Room decorations and center pieces for bridge parties, etc.; \$1.50 Postpaid.

Libelle	W. B. Childs
Lawine	Mme. Henri Cayeux
Rube Girl	Rene Cayeux

## BRECK'S CUT FLOWER COLLECTION

This collection consists of six of the best varieties for cutting; \$2.00 Postpaid.

A. D. Livoni	Mrs. C. H. Breck
Storm King	Delice
Countess of Lonsdale	J. H. Jackson

## BRECK'S POPULAR DAHLIA MIXTURE

We make this Mixture from various types, covering a full range of colors which make a gorgeous display of wonderful blooms in the early autumn. This Mixture we offer packed one dozen in a box, at the low price of \$1.50 per box, Postpaid.



Canna

## BRECK'S HOME GARDEN COLLECTION

This collection of eight Large Flowered Varieties; \$3.50 Postpaid.

Rosalia Styles	Priscilla Agnew
Kalif	Geo. Walters
Mrs. J. Harrison Dick	Bonnie Brae
Pride of California	Paul Michael

## BRECK'S BLUE RIBBON COLLECTION

The greatest offer of all time, ten of the world's most popular Dahlias; \$5.00 Postpaid.

Aida	Attraction
Judge Marean	Pride of the Garden
Liberty Bond	Mrs. F. F. Shock
Mrs. I. De Ver Warner	Mrs. Ethel F. T. Smith
Jersey Beauty	Bashful Giant

## BRECK'S POMPON COLLECTION

The Pompon Dahlias which were so popular a few years ago, are now coming back as favorites for bouquets and table decorations. This collection, six of the most attractive varieties; \$2.00 Postpaid.

Little Jenny	Challenge	Snowclad
Amber Queen	Little Beauty	Sunbeam

# CANNAS

## NEW AND FANCY VARIETIES

Price \$1.00 each.

Hollywood. Orange pink, shading to salmon.  
Honolulu. A bronzed leaved variety of City of Portland. Flowers are light pink.  
Montezuma. Brilliant scarlet, the best red Canna.  
Mrs. Pierre S. DuPont. A wonderful Canna. The best of all pink varieties. Color vivid watermelon pink, each flower extra large. One plant will make several heads of flowers during the season.

## STANDARD VARIETIES

Price \$3.00 per dozen, \$18.00 for 100.

City of Portland. Glowing salmon-pink. 3½ feet.  
Duke of Marlborough. Dark velvety-crimson. 4 feet.  
General Merkel. Scarlet crimson, bordered yellow.  
Gladiator. Deep yellow, dotted with red. 4½ feet.  
Hungaria. Beautiful rose-pink. 3½ feet.  
King Humbert. The most popular bronze-leaved variety. Orange-scarlet flowers. 5 feet.  
Lafayette. Large, rich crimson. A variety of great merit. 4 ft.  
Maros. Creamy-white. 3½ feet.  
Nokomis. Bronze-leaved. Scarlet flowers. 4 feet.  
Gold Bird. Intense yellow. 4 feet.  
The President. Rich, glowing scarlet. Large flowers. 4 feet.  
Wintzer's Colossal. Bright scarlet. 5 feet.

# HARDY EVERGREENS

Nothing approaches in richness a properly arranged mass-planting of Hardy Evergreens. Many striking combinations of color, height, and varied foliage are possible; best of all, they are as effective in Winter as in Summer. We furnish many other varieties that are worthy of use in this locality; but the following we recommend as most reliable for general planting.

## ABBREVIATIONS:

Referring to size: L large, M medium, S small, D dwarf, VD very dwarf; referring to growth: r rapid, m medium, s slow, v vigorous.

### ABIES—FIR

**A. balsamea** (Balsam Fir). Lr. Of rapid, slender pyramidal growth, with very dark foliage. Grows in cold, wet ground as well as in better soil. Price each: 4 to 5 ft. \$7.50; 5 to 6 ft. \$9.00; 6 to 7 ft. \$12.00.

**A. brachyphylla**. (Nikko Fir). L. This evergreen is very hardy, and grows into a symmetrical tree. It is a strong grower and will thrive in almost all kinds of soil. Price each: 18 to 24 in. \$3.00; 2 to 3 ft. \$4.50.

**A. concolor** (Silver Fir). Lm. One of the hardest of evergreens, of rapid growth. The foliage varies exceedingly in color from a glaucous blue to a very light green. It is graceful and feathery, and as it grows older retains its lower limbs. Price each: 2 to 3 ft. \$7.50; 3 to 4 ft. \$10.00; 4 to 5 ft. \$12.00; 5 to 6 ft. \$15.00.

**A. Firma** (Abies Mome). L. Strong growing evergreen; leaves thick and rigid. Price each: 3 to 4 ft. \$7.50; 4 to 5 ft. \$9.00; 5 to 6 ft. \$12.00.

**A. Fraseri** (Double Balsam). Lr. A splendid native tree, like the Balsam Fir, but with darker, richer foliage; of better

growth, and of far more distinct and elegant appearance. Very hardy in New England. Price each: 2 to 3 ft. \$5.00; 3 to 4 ft. \$7.00.

### CHAMÆCYPARIS CYPRESS and RETINOSPORA

The Chamaecyparis, as a class are very valuable for foundation planting, and as specimens; they will stand shearing and when given plenty of room will form beautiful trees, with their distinct coloring of dark green and golden foliage. They are practically free from any disease, and are perfectly hardy.

**C. obtusa gracilis**. D. A beautiful evergreen, perfectly hardy, holding its color all through the winter months. Foliage is intensely dark and shell-like, forming flat heads at the end of the slightly drooping branches. Price each: 18 to 24 in. \$4.00; 2 to 3 ft. \$6.00.

**C. Obtusa gracilis compacta**. D. A compact growing variety of the above. Price each: 2 to 3 ft. \$5.00; 3 to 4 ft. \$6.00.

**C. pisifera** (Sawara Retinospora). Lm. A fine pyramidal form, distinct and graceful. Feathery light green foliage; somewhat pendulous. Price each: 18 to 24 in. \$3.00; 2 to 3 ft. \$5.00; 3 to 4 ft. \$6.00; 4 to 5 ft. \$8.00; 5 to 6 ft. \$10.00.

**C. p. aurea** (Golden Sawara Retinospora). Lm. A bright golden form of the preceding variety. Price each: 18 to 24 in. \$3.00; 2 to 2½ ft. \$4.50; 2½ to 3 ft. \$5.00; 3 to 4 ft. \$6.50; 4 to 5 ft. \$7.50; 5 to 6 ft. \$9.00.

**C. p. filifera** (Thread Retinospora). Ms. Slender string-like bright green foliage, drooping in long filaments. Price each: 18 to 24 in. \$4.00; 2 to 2½ ft. \$5.00; 2½ to 3 ft. \$6.00; 3 to 3½ ft. \$7.50; 3½ to 4 ft. \$9.00.

**C. p. filifera aurea** (Golden Thread Retinospora). Ss. A beautiful golden form of the preceding. Very compact. Price each: 15 in. \$5.00; 18 in. spread, \$6.00; 24 in. spread, \$7.50.

**C. p. plumosa**. (Plume Retinospora) Lr. The main stem of this variety is erect, side shoots have a plume-like appearance. The branches are slender, pointed and somewhat spreading. Graceful, conical habit, with glaucous foliage. Price each: 15 to 18 in. \$2.50; 18 to 24 in. \$3.50; 24 to 30 in. \$4.50; 2½ to 3 ft. \$5.00; 3 to 3½ ft. \$6.50; 3½ to 4 ft. \$7.00; 4 to 5 ft. \$8.00.

**C. p. plumosa aurea** (Golden Plumed Retinospora). Lm. A striking, fine form of the above and very hardy. Brilliantly golden throughout the season. One of the most desirable. Price each: 15 to 18 in. \$2.50; 18 to 24 in. \$3.50; 24 to 30 in. \$4.50; 2½ to 3 ft. \$5.00; 3 to 3½ ft. \$6.50; 3½ to 4 ft. \$7.00; 4 to 5 ft. \$8.00.

**C. P. Plumosa lutescens**. (Dwarf Retinospora). D. A compact variety, with light golden yellow foliage. Makes a striking contrast when used in foundation planting. Price each: 15 to 18 in. \$3.50; 18 to 24 in. \$4.50.

**C. p. squarrosa** (Moss Retinospora). Mm. An exquisite Japanese form, with steel-colored foliage, which is very fine and feathery. Price each: 18 to 24 in. \$4.00; 2 to 2½ ft. \$5.00; 2½ to 3 ft. \$6.00; 3 to 4 ft. \$7.50.

### WATER THE EVERGREENS

More Evergreens are lost through lack of moisture than any other cause. During the dry season make a "basin" around the tree and fill it several times with water. As a mulch for Evergreens use Imported Peat moss.



Chamaecyparis plumosa



Juniperus Chin. var. Pfitzeriana

## JUNIPER

**Juniperus Chinensis** (Chinese Juniper). Ds. One of the most desirable of the genus; should be kept closely pruned, when its silvery young growth becomes luxuriant and leafy. Price each: 2 to 3 ft. \$5.00; 4 to 5 ft. \$7.50.

**J. Chin. var. albo-variegata** (Silver-tipped Juniper). Ds. Bluish green foliage, very dense, interspersed with silvery white. One of the best of Junipers in growth and appearance. A charming dwarf plant. Price each: 18 to 24 in. \$4.00; 2 to 3 ft. \$5.50.

**J. Chin. var. Pfitzeriana**. Dm. A beautiful evergreen of graceful habit, resembling in form the well-known *J. Japonica aurea*, though in color the foliage is of a pleasing glaucous green. Price each: 12 to 15 in. \$2.50, \$22.50 for ten; 15 to 18 in. \$3.00, \$27.00 for ten; 18 to 24 in. \$4.00, \$36.00 for ten; 24 to 30 in. \$5.00; 30 to 36 in. \$7.00; 3 to 4 feet \$10.00.

**J. Chin. var. Sargentii** (Sargent's Juniper). VDs. Beautiful prostrate form of *J. Chinensis*. Price each: 15 to 18 in. \$5.00; 18 to 24 in. \$6.00.

**J. communis var. depressa** (Common Juniper). Ds. Usually a shrub with spreading, sometimes prostrate branches which curve upwards near the ends; widely distributed throughout the colder regions and mountains of the Northern Hemisphere. Foliage, grayish green, very dense. A beautiful shrub and valuable in rockeries or as a ground cover. Price each: 12 to 15 in. \$2.00; 15 to 18 in. \$2.50; 18 to 24 in. \$3.50; 2 to 2½ ft. \$4.00; 2½ to 3 ft. \$5.50.

**J. Com. var. aurea** (Douglas' Golden). VDs. Forms a mat-like spreading growth of brilliant golden color. Valuable for edging and grouping. Price each 15 to 18 in. \$3.00; 18 to 24 in. \$4.00.

**J. com. var. Hibernica** (Irish Juniper). Mm. Of dense pillar-like growth. Glaucous green foliage. Price: 18 to 24 in. \$2.00 each, \$18.00 for ten; 2 to 2½ ft. \$3.00 each, \$27.00 for ten; 2½ to 3 ft. \$4.00 each, \$36.00 for ten; 3 to 4 ft. \$6.00 each, \$55.00 for ten; 4 to 5 ft. \$7.00 each; \$63.00 for ten.

**J. Comm. depressa plumosa**. D. A handsome evergreen for the rockery. Foliage is silver green during spring and summer, changing to a purple, sometimes nearly a copper color after the early frosts in the autumn. Price each: 15 to 18 in. \$4.00; 18 to 24 in. \$5.00.

**J. var. Suesica** (Swedish Juniper). Mm. Grows much as the Irish does, but is of more bushy form. Price each: 15 to 18 in. \$2.00; 18 to 24 in. \$3.00; 3 to 4 ft. \$5.00; 4 to 4½ ft. \$6.00.

**J. excelsa var. stricta**. Ds. Of compact, conical habit, with steel-blue, pointed leaves which stand erect. One of the best Junipers where a formal effect is desired. Price each: 12 to 15 in. \$2.50; 15 to 18 in. \$3.00.

**J. horizontalis Douglasi** (Waukegan Juniper). VDs. Prostrate form. Foliage bluish gray in Summer turning to beautiful purple in Winter. Price each: 12 to 15 in. \$2.50; 15 to 18 in. \$3.50; 18 to 24 in. \$5.00.

**J. Sabina** (Savin Juniper). VDs. Prostrate, spreading branches, with sombre green foliage. Hardy and well adapted to hillsides, etc. Price each: 12 to 15 in. \$3.00; 15 to 18 in. \$3.50; 18 to 24 in. \$4.50; 2 to 2½ ft. \$5.50; 2½ to 3 ft. \$6.50.

**J. Sab. var. tamariscifolia** (Tamarisk-leaved Savin). VDs. An elegant form, with broad, leathery branches and thick, glaucous, and deep green foliage. Makes a fine, broad specimen. Price each: 12 to 15 in. \$2.50; 15 to 18 in. \$4.00; 18 to 24 in. \$5.00.

**J. Virginiana** (Red Cedar). Mm. Tapering form, bright rich green foliage. Useful for ornamental planting. Price each: 18 to 24 in. \$2.00; 2 to 3 ft. \$3.50; 3 to 4 ft. \$5.50.

**J. Virg. var. glauca** (Silvery Red Cedar). Mm. The foliage distinctly silver-gray. Quite prominent among other evergreens. Price each: 2 to 3 ft. \$6.00; 3 to 4 ft. \$7.50; 4 to 5 ft. \$9.00; 5 to 5½ ft. \$10.00.

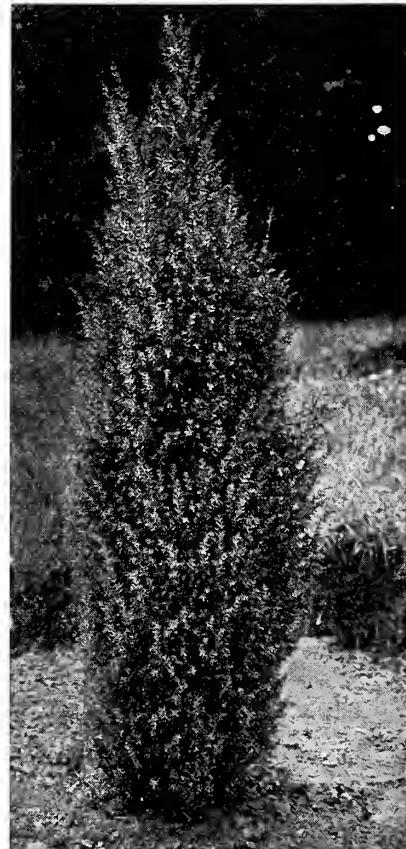
**J. virg. Keteleeri**. M. Beautiful deep green foliage, growth is symmetrical, with tops of branches ascending. Suitable for planting in tubs. Price each: 4 ft. \$7.50; 5 ft. \$9.00.

**J. virg. Smithii**. One of the few Junipers holding a good green during the winter. Branches are drooping at the tips. Forms a broad pyramidal tree. Price each: 2 to 3 ft. \$6.00; 3 to 4 ft. \$7.50.

**J. var. Schotti**. A hardy evergreen of pyramidal form. Foliage light green and feathery. Price each: 2 to 3 ft. \$4.00; 3 to 4 ft. \$6.00.

### Red Spider on Junipers

One of the enemies of the Juniper is the red spider, which usually appears during the months of July and August. Plants should then be sprayed every two weeks, either with Sunoco-oil, or "Black leaf 40." Be sure to use pressure sprayer so as to come in contact with the insects.



Juniperus Hibernica

## PICEA—SPRUCE

**P. Canadensis** (White Spruce). Lm. A tree native to America. Makes a large tree when allowed to develop but may be confined by shearing. Light, silvery green foliage and dense, pyramidal growth. Hardy in all locations. Price: 12 to 15 in. \$1.00 each, \$9.00 for ten; 15 to 18 in. \$1.50 each, \$14.00 for ten; 18 to 24 in. \$2.00 each, \$18.00 for ten; 2 to 3 ft. \$3.00 each, \$27.00 for ten; 3 to 4 ft. \$4.50; 8 to 10 ft. \$15.00; 10 to 12 ft. \$18.00 each.

**P. excelsa** (Norway Spruce). Lr. The most generally used of evergreen trees. Useful for screens and windbreaks on account of its rapid growth. It makes a tall tree and, as an individual tree with room to develop is of pyramidal symmetrical growth, its lower branches sweeping the ground. Price: 15 to 18 in. \$1.50 each; 18 to 24 in. \$2.00 each, \$18.00 for ten; 2 to 3 ft. \$3.00 each, \$27.00 for ten; 3 to 4 ft. \$4.50 each, \$40.00 for ten. Larger specimens from \$15.00 to \$25.00 each.

**P. ex. var. inversa** (Inverted Spruce). Mm. A Norway Spruce of persistently drooping habit, forming a columnar tree of striking appearance. Price each: 3 to 4 ft. \$7.00; 4 to 5 ft. \$8.00; 5 to 6 ft. \$9.00.

**P. ex. var. Maxwellii** (Maxwell's Spruce). VDs. A low, dense, slow-growing form with short, stiff needles, the young

branchlets showing a bluish cast. Each: 2 to 2½ ft. spread, \$20.00.

**P. orientalis** (Oriental Spruce). Short, dark green foliage, forming a wide pyramid shaped evergreen with branches down to the ground. A graceful Spruce, splendid for lawns. Price each: 2 to 3 ft. \$6.00; 3 to 4 ft. \$7.50; 4 to 5 ft. \$10.00.

**P. pungens** (Colorado Spruce). Lr. Stiff, pungent foliage and clusters of cones. No evergreen tree can excel it, as it has the advantage of growing vigorously where many evergreens fail; withstands the coldest seasons. Price each: 24 in. \$6.00; 3 ft. \$7.50; 4 ft. \$9.00; 5 ft. \$10.00; 6 ft. \$12.00; 7 ft. \$15.00; 8 to 10 ft. \$25.00.

**P. pun. var. glauca** (Colorado Blue Spruce). Habit of growth similar to that of preceding. Foliage of rich blue or sage-color. Extremely hardy. Price each: 18 to 24 in. \$7.50; 2 to 3 ft. \$10.00; 3 to 4 ft. \$15.00; 4 to 5 ft. \$17.50; 5 to 6 ft. \$20.00; 6 to 7 ft. \$22.00.

**P. pun. var. Kosteriana** (Koster's Blue Spruce). This variety is identical with the type. Foliage silvery blue. The bluest strain that can be selected. Grafted from the famous Koster variety. Price each: 4 ft. \$25.00; 4½ ft. \$28.00; 5 ft. \$30.00; 9 to 12 ft. specimens \$45.00 to \$75.00.

## PSEUDOTSUGA

**P. Douglasi** (Douglas' Spruce). Lr. A fine, long-lived tree from the Rocky Mountains, where it grows in great quantity. The foliage is soft and brilliant green in color, with bluish tint when young. It is of the most vigorous and symmetrical growth. Price each: 18 to 24 in. \$3.00; 2 to 3 ft. \$4.50; 3 to 4 ft. \$6.50.



## PINUS—PINE

**Pinus cembra** (Swiss Stone Pine). Ss. Of thick, regular growth, foliage resembling the White Pine, and quite silvery. Price each: 2 to 3 ft. \$6.00.

**P. montana** (Swiss Mountain Pine). Ds. Usually low, often prostrate, handsome dark foliage. Very ornamental when singly planted. Price each: 18 to 24 in. \$3.50.

**P. m. mughus** (Dwarf Mugho Pine). Ds. Of the highest value where a low, dense, spreading growth is desired. Very dark foliage and extremely hardy. Price each: 12 to 15 in. \$3.00, \$27.00 for ten; 15 to 18 in. \$4.00, \$37.50 for ten; 18 to 24 in. \$5.00, \$45.00 for ten.

**P. nigra** (Austrian Pine). Lr. A robust-growing variety, with long, dark green stiff needles. Does well on all soils, and is one of the best evergreens for seashore planting. Price each: 2 to 3 ft. \$5.00, \$45.00 for ten; 3 to 4 ft. \$7.00, \$63.00 for ten.

**P. resinosa** (Red or Norway Pine). Lr. One of our best native evergreens; hardy and ornamental. Bark of young branches reddish-orange; long needles, dark green, glossy. Price each: 2 to 3 ft. \$3.00; 3 to 4 ft. \$4.50; 4 to 5 ft. \$5.50; 5 to 6 ft. \$7.50.

**P. strobus** (White Pine). Lr. The most valuable of all native evergreens for timber purposes. A very fine individual tree; light, silvery foliage; is always highly ornamental. In age this Pine is most impressive. Useful for hedges, as it can be clipped like a shrub, also most valuable as a wind-break. Price each: 2 to 3 ft. \$3.00; 3 to 4 ft. \$4.00; 4 to 5 ft. \$5.00; 5 to 6 ft. \$6.00.

**P. sylvestris** (Scotch Pine). Lr. Foliage much more silvery than the Austrian. It is more desirable for mass and shelter planting than as an isolated specimen. Price each: 2 to 3 ft. \$3.50; 3 to 4 ft. \$5.00; 4 to 5 ft. \$6.50.

## RETINOSPORA—CYPRESS

(See *Chamæcyparis*)

**Pine leaf scale:** Color is white, yellowish at the end. Spray with Black leaf 40, in May or early June on bright, sunny day.

**Spruce gall aphid:** Cone shaped galls on the base of the small branches. Take off these galls when still green and spray with scaleicide in early spring.

Pseudotsuga Douglasi



Taxus cuspidata Nana

**TAXUS—YEW**

The Yews are unquestionably the finest class of Evergreens. They are perfectly hardy and will do well planted in practically any location. No planting is complete without them.

**T. Canadensis** (American Yew). Dv. A low, broad, spreading bush, dark green foliage and crimson berries. Entirely hardy, and very valuable for surfacing beds or forming groups. Price each: 12 to 15 in. spread, \$2.00; 15 to 18 in. spread, \$3.00; 18 to 24 in. spread, \$3.50.

**T. cuspidata** (Spreading Japanese Yew). Sm. Spreading growth with dense, dark foliage. Valuable because it is especially hardy and rich in appearance. Price each: 15 to 18 in. \$4.00; 18 to 24 in. \$5.00; 24 to 30 in. \$7.50.

**T. cusp. nana.** (Dwarf Japanese Yew). Ds. A very handsome dwarf form of the above. We consider it the best variety to plant in New England. Price each: 12 to 15 in. spread \$4.00; 15 to 18 in. spread \$5.00; 18 to 21 in. spread \$7.50; 21 to 24 in. spread \$12.00.

**T. repandens** (Spreading English Yew). Ds. Beautiful dwarf form with dark green foliage. Price each: 12 in. \$4.00; 15 in. \$5.00; 18 in. \$6.00.

**THUJA—ARBORVITÆ**

**T. occidentalis** (American Arborvitæ). Mr. Of conical form and rapid growth. Used largely for hedges. Price: 18 to 24 in. \$2.00 each, \$18.00 for ten; 2 to 2½ ft. \$2.50 each, \$22.50 for ten; 2½ to 3 ft. \$3.00 each, \$27.50 for ten; 3 to 3½ ft. \$3.75 each, \$35.00 for ten; 3½ to 4 ft. \$4.50 each, \$40.00 for ten; 4 to 5 ft. \$6.00 each, \$55.00 for ten; 5 to 6 ft. \$8.00 each; 6 to 7 ft. \$10.00 each.

**T. var. blobosa** (Globe Arborvitæ). VDs. Growing in low, thick globe form with attractive foliage. Price: 10 to 12 in. \$1.50 each, \$14.00 for ten; 12 to 15 in. \$2.00 each, \$18.00 for ten; 15 to 18 in. \$2.50 each, \$22.50 for ten; 18 to 24 in. \$3.00 each, \$27.50 for ten.

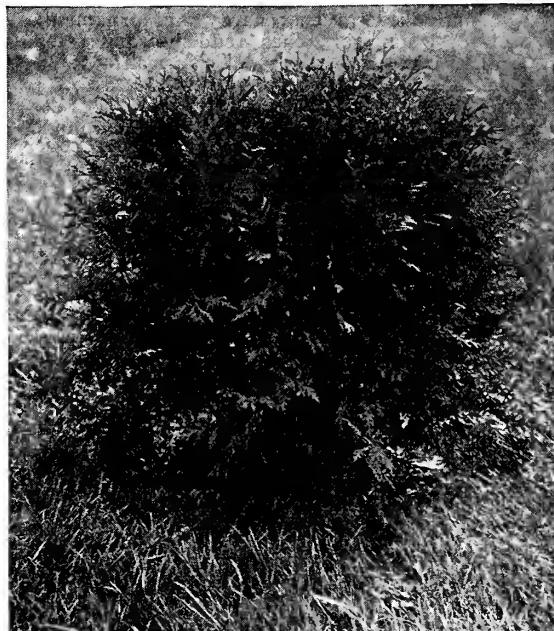
**T. var. Hoveyii** (Hovey's Arborvitæ). Ds. A slow-growing form, with golden green foliage. Price: 15 to 18 in. \$2.50 each, \$22.50 for ten; 18 to 24 in. \$3.00 each, \$27.00 for ten.

**T. var. lutea** (George Peabody Arborvitæ). Mr. A dwarf, dense-growing golden variety, holding its color all Summer. One of the best for general culture. Price each: 18 in. \$3.50; 2 ft. \$4.50; 2½ ft. \$5.00; 3 ft. \$6.00.

**T. var. Aurea**. Mr. Bright yellowish green all through the winter, changing to beautiful golden yellow in spring. Makes a compact, broad pyramid. Price each: 3 to 4 ft. \$6.00; 4 to 5 ft. \$7.50.

**T. var. Elegantissima**. Mr. (Golden-tipped Arborvitæ). The tips of the young growth are a beautiful golden yellow during the Summer and Autumn. Price each: 18 to 24 in. \$2.50; 2 to 2½ ft. \$3.50; 2½ to 3 ft. \$4.00; 3 to 4 ft. \$5.50.

**T. var. ellwangeriana**. Ds. A dwarf growing form with dense foliage, very graceful and compact. Price each: 18 to 24 in. \$2.50, \$22.50 for ten; 2 to 2½ ft. \$3.50, \$30.00 for ten; 2½ to 3 ft. \$4.00.



Thuja var. Hoveyii



*Thuja pyramidalis*

**T. var. *pyramidalis*** (Pyramidal Arborvitæ). Mr. Its form is very much like the Irish Juniper. The foliage is light green and compact. Price: 15 to 18 in. \$1.50 each, \$12.50 for ten; 18 to 24 in. \$2.50 each, \$22.50 for ten; 2 to 2½ ft. \$3.50 each, \$33.00 for ten; 3 to 3½ ft. \$5.00 each, \$45.00 for ten; 3½ to 4 ft. \$6.00 each, 4 to 4½ ft. \$7.50 each; 4½ to 5 ft. \$8.00 each; 5 to 5½ ft. \$10.00 each; 5½ to 6 ft. \$12.00 each.

**T. *pyramidalis Douglassi*** (Douglas Pyramidal Arborvitæ). Its foliage is feathery, somewhat crested and of a good dark green color. In habit the tree resembles the well-known Pyramidal Arborvitæ. It will grow about 12 to 15 feet in height. Price each: 3 to 3½ ft. \$5.00; 3½ to 4 ft. \$5.50; 5 ft. \$7.50.

**T. var. *Vervæneana*. S.M.** (Vervæne Arborvitæ). A choice form, growing more compact than the American Arborvitæ with lighter green foliage and retaining this color all through the winter. A splendid variety for hedges. Price each: 18 to 24 in. \$2.50 each, \$22.50 for ten; 2 to 3 ft. \$4.00; 3 to 4 ft. \$6.00; 4 to 5 ft. \$7.50.

**T. var. *Wareana* (Siberian Arborvitæ).** Mr. We especially recommend this variety. Its low-growing, dense form and its beautiful bluish-green foliage give it distinct character. It is one of the hardiest and does not die out in hedges like the American. Price each: 15 to 18 in. \$2.50, \$22.50 for ten; 18 to 24 in. \$3.00, \$27.50 for ten; 2 to 2½ ft. \$3.50, \$32.50 for ten; 2½ to 3 ft. \$4.50, \$42.50 for ten.

## TSUGA—HEMLOCK

**T. *Canadensis* (Common Hemlock).** Lr. A graceful tree, with loose open growth, and Yew-like foliage. It can be kept in dense form if sheared. Much used for hedges and shelters. Price: 18 to 24 in. \$3.00 each, \$27.00 for ten; 24 to 30 in. \$4.00 each, \$36.00 for ten; 30 to 36 in. \$5.50 each; 3 to 3½ ft. \$6.00 each; 4 ft. \$9.00 each; 4½ ft. \$10.00.

**T. *Caroliniana* (Carolina Hemlock).** Lr. Dark, dense tufted foliage on pendulous branches. It is even hardier than the Canada hemlock. One of the handsomest of all evergreens. Price: 2 to 2½ ft. \$4.50 each; 2½ to 3 ft. \$5.50 each; 3 to 4 ft. \$6.00 each; 4 to 5 ft. \$10.00 each.



*Tsuga—Hemlock*

# EVERGREEN SHRUBS

## CALLUNA—HEATHER

C. Vulgaris (Scotch Heather). A low-growing evergreen with pale pink flowers. Price: 4 to 6 in. 60c each, \$5.00 for ten; 6 to 8 in. 75c each, \$6.00 for ten.

C. vulgaris alba. White flowering variety. Price: 4 to 6 in. 60c each, \$5.00 for ten; 6 to 8 in. 75c each, \$6.50 for ten.

## DAPHNE—GARLAND FLOWER

D. Cneorum. An evergreen, hardy plant, with closely set, glossy, narrow leaves. It begins to bloom in May, and its round clusters of bright pink, highly fragrant blossoms, much resembling the beautiful Mayflower of our woods, are borne in great profusion. Price: 6 to 8 in. \$1.00 each, \$9.00 for ten; 8 to 10 in. \$1.50 each, \$14.50 for ten.

## EUONYMUS

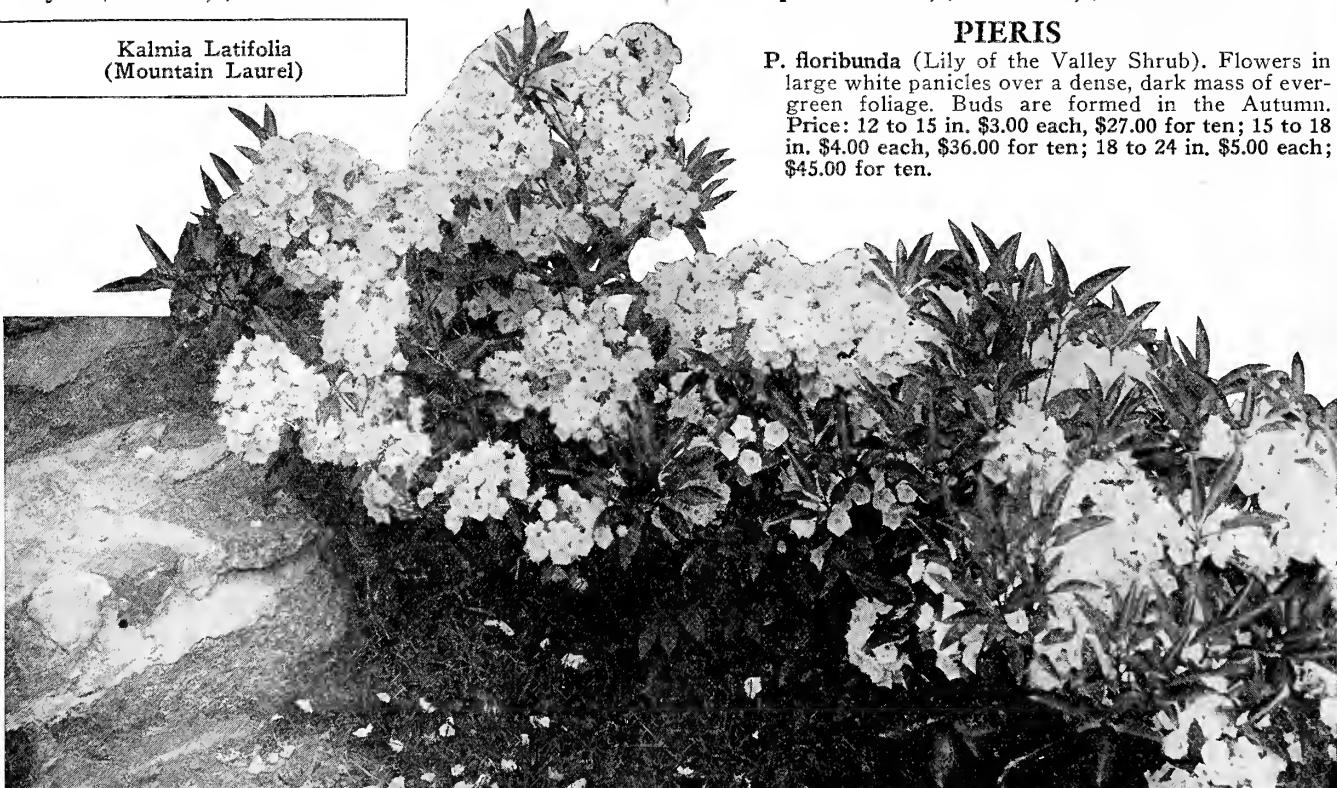
E. colorata. A new introduction by the Arnold Arboretum. Foliage turns bright red in the Autumn and retains this color during the entire Winter. Price: 2 year plants 75c each, \$7.00 for ten; 4 year plants \$1.00 each, \$9.00 for ten.

E. radicans (Winter Creeper). A glossy, dark leaved vine; or it will form a spreading shrub where it cannot climb. Valuable for covering walls to which it clings. Price: 2 year plants, 60c each, \$5.00 for ten, \$40.00 for 100; 3 year plants, 75c each, \$6.00 for ten, \$50.00 for 100.

E. var. minimus (Baby Winter Creeper). Small dark-leaved form suitable for rock-garden or ground cover. Price in 3 inch pots: 75c each, \$6.50 for ten.

E. var. vegeta (Bigleaf Winter Creeper). A variety that is much sought after by all who have seen it. In habit, it is more spreading than the type and of more rapid growth. Leaves broad, nearly round, and of a rich glossy green. Price: 2 year plants, 60c each, \$5.50 for ten, \$45.00 for 100; 3 year plants, 75c each, \$5.50 for ten, \$50.00 for 100.  
4 year \$1.00 each, \$9.00 for ten.

Kalmia Latifolia  
(Mountain Laurel)



## KALMIA—LAUREL

K. latifolia (Mountain Laurel). June. A native evergreen shrub hardy in New England. It prefers deep, leaf-mould soil, but grows wherever it will not dry out in Summer. The beautiful pink and white flowers are of unique shape and aspect, borne in large clusters over broad, glossy foliage. Not a difficult shrub to grow. Price: 15 to 18 in. \$3.00 each, \$27.00 for ten; 18 to 24 in. \$3.50 each; \$30.00 for ten, 24 to 30 in. \$4.00 each, \$36.00 for ten; 30 to 36 in. \$5.00 each, \$45.00 for ten. Carload lots of native-grown clumps can be supplied; prices on application.

## LEUCOTHOE

L. Catesbeii (Andromeda Catesbeii). S. May. Foliage thick, heavy and pointed. A shining green in Summer, the branches arching gracefully. The showy spikes of white flowers open early. Can be used in shady spots. Price: 15 to 18 in. \$2.50 each, \$22.50 for ten; 18 to 24 in. \$3.00 each, \$27.00 for ten.

## MAHONIA

M. aquifolia (Ashberry). D. May. Its large, spiny leaves, which turn scarlet in Autumn, are much like those of the famous English Holly, and its bright yellow flowers in May are effective. Price: 12 to 15 in. 75c each, \$6.50 for ten.

## PACHISTIMA

P. Canbyi. Dwarf evergreen shrub, with trailing branches not much over 1 ft. in height. Flowers reddish in April and May. Growth is somewhat similar to Euonymus minimus. Splendid for the rock garden. Price: 75c each, \$6.50 for ten.

## PACHYSANDRA

P. terminalis (Japanese Spurge). A low dense evergreen plant with glossy foliage, forming large mats, well adapted for covering the ground, especially in moist or shaded situations. Flowers white, disposed in small terminal spikes. Price in 3 inch pots: 30c each, \$2.50 for ten, \$18.00 for 100.

## PIERIS

P. floribunda (Lily of the Valley Shrub). Flowers in large white panicles over a dense, dark mass of evergreen foliage. Buds are formed in the Autumn. Price: 12 to 15 in. \$3.00 each, \$27.00 for ten; 15 to 18 in. \$4.00 each, \$36.00 for ten; 18 to 24 in. \$5.00 each; \$45.00 for ten.



## NATIVE RHODODENDRONS

The Rhododendrons with their rich green foliage are the best of the broad-leaved Evergreens. They will add to any garden as they are not difficult to grow, especially if the native varieties are used, and the soil is properly prepared. A shady location in the garden is preferred by all varieties of Rhododendrons although they will thrive where there is some sun. They should be planted where there is a protective background either of Evergreens or a shrub planting. In order to grow Rhododendrons to perfection, the soil should be properly prepared. This is done by adding Leaf-Mould or Peat Mull to the soil, and where the bed has clay soil, this should be removed or sand added to it so as to make it lighter. The beds should be made at least 2 to 2½ feet deep and the Rhododendrons planted in groups so as to give a solid mass effect. After the bed is planted, a covering of 3 to 4 in. of Peat Mull will help to keep the moisture during the summer months. In the Fall, some more of this can be added or about 4 to 6 in. of leaves should be put in the bed and left there during the next summer until the leaves are decayed and make Leaf Mould which is the best fertilizer for Rhododendrons. As soon as they are through flowering, the seed pods should be removed as this will give the plants strength to make the flower buds for the next season. We strongly recommend the use of our native Rhododendrons. They are hardy, free flowering, and will survive our vigorous New England winters with much less loss than the Hybrid varieties. We can fill orders of any quantity and of any size in bushy, well furnished plants. Quotations will be gladly given on carload lots delivered to any point in New England.

### RHODODENDRON CAROLINIANUM

A native of the high altitudes of the Southern Appalachian region, and one of the finest of all broad-leaved evergreens. Of compact habit, growing from three to five feet tall, and about the same in diameter; foliage glossy, dark green, flowers pale rose to deep pink. Price in bushy clumps; 15 to 18 in. \$3.25 each; \$30.00 for ten; 18 to 24 in. \$4.00 each; \$35.00 for ten.

### RHODODENDRON CATAWBIENSE

This is also a native of the Allegheny Mountains, and is extremely hardy in New England. The plant forms a compact well-shaped clump, growing from four to six feet in height. The rich green foliage and large trusses of pink to bright red flowers make it one of the most desirable broad-leaved evergreens. Price, bushy specimens: 18 to 24 in. \$3.50 each; \$33.00 for ten; 2 to 2½ ft. \$4.00 each, \$36 for ten; 2½ to 3 ft. \$5.00 each, \$45.00 for ten; 3 to 4 ft. \$6.50 each, \$60.00 for ten.

### RHODODENDRON MAXIMUM

This is the largest-growing of our native sorts, and is used extensively for massing. The flowers are rosy-white to pure white, and appear late. Price of clumps: 18 to 24 in. \$3.50 each, \$33.00 for ten; 2 to 2½ ft. \$4.00 each, \$36.00 for ten; 2½ to 3 ft. \$5.00 each, \$45.00 for ten; 3 to 4 ft. \$6.50 each, \$60.00 for ten; 4 to 5 ft. \$7.00 each, \$65.00 for ten; 5 to 6 ft. \$9.00 each, \$80.00 for ten.

### HYBRID RHODODENDRONS

We offer some splendid, bushy plants of these Hybrid Rhododendrons; well budded specimens in named varieties. The colors range from white, through pinks and purple to the deep reds.

Price each for plants 18 to 24 in. \$6.00 each, \$55.00 for ten; 2 to 2½ ft. \$7.50 each, \$70.00 for ten.

# DECIDUOUS TREES

While the collection of trees is very large, we have used extra care in making up the following list, selecting only varieties which have special merit for use in lawn, park, and street planting. Deciduous trees can be safely planted in the Spring as soon as the frost is out of the ground, before the new growth has started, and again in the Autumn as soon as the early frosts have ripened the wood. We cannot too strongly emphasize the necessity of preparation of the ground before planting. Too often a fine, healthy tree is squeezed into

a hole about half the size of the diameter of the roots, afterwards filling it with any kind of soil. This in many cases has proved to be the common cause of failure, which generally is blamed to some fault of the tree. The hole should be dug at least two feet wider than the roots, the soil enriched with well-decayed manure and well mixed. The roots should be spread out, the hole gradually filled with good loam, and afterwards well watered. The depth can be easily judged by the soil line on the trunk.

Sizes of young trees which we can supply are shown by symbols following the descriptions. Ultimate height at maturity under average conditions is denoted by letters, thus **A**, fifty feet or more, **B**, Twenty to forty feet, **C**, Ten to twenty feet, **D**, Six to ten feet.

## ACER—Maple

These are without doubt the most popular shade and street trees. They grow rapidly to a height of forty feet or more; they are very hardy, and are comparatively free from insect pests.

**A. dasycarpum** (White or Silver-leaved Maple). **A.** The most rapid growing of the Maples with deeply-cut leaves, silvery beneath. Price each: 6 to 8 ft. \$1.50; 8 to 10 ft. \$2.00; 10 to 12 ft. \$3.00; 12 to 14 ft. \$4.00.

**A. var. Wieri laciniata** (Wier's Cut-leaved Silver Maple). **A.** Its foliage is deeply cut and is borne upon long recurving, pendulous branches. Price each: 8 to 10 ft. \$3.00; 10 to 12 ft. \$3.50.

**A. palmatum atropurpurea** (Dwarf Japanese Maple). **D.** Has small star-shaped leaves. Blood red. Price each: 2 to 2½ ft. \$5.00.

**A. platanoides** (Norway Maple). **A.** Large spreading tree of compact form. Splendid shade tree. Foliage is dark, shining green. One of the best for street planting. Price: 6 to 8 ft. \$2.50 each; \$22.50 for ten; 8 to 10 ft. \$3.50 each; 10 to 12 ft. \$4.50 each; 12 to 14 ft. 1¾ to 2 in. cal. \$5.00 each.

**A. var. Schwedleri** (Schwedler's Norway Maple). **B.** The early foliage of this variety is a bright crimson, fading to purplish green. Price each: 6 to 8 ft. \$3.50; 8 to 10 ft. \$5.00.

**A. saccharum** (Sugar or Rock Maple). **A.** Probably the most generally used of all shade trees. Upright, straight, symmetrical, well adapted to street planting. Its brilliant Autumn tints are familiar to all. Price each: 8 to 10 ft. \$3.50; 10 to 12 ft. \$4.50.

## AILANTHUS—Tree of Heaven

**A. glandulosa.** **A.** A rapid-growing tree, with feathery, tropical foliage. Does well on poor soil, and thrives in cities, where it is often used. Price each: 4 to 5 ft. \$1.75; 5 to 6 ft. \$2.00.

## ARALIA—Angelica Tree

**A. spinosa** (Hercules' Club). **B.** Vigorous in growth, making a large clump from suckers freely produced. In August it bears large clusters of white flowers. It is used for tropical effects in conjunction with other shrubs and low trees. Price each: 4 to 5 ft. \$1.00; 6 to 8 ft. \$1.50.

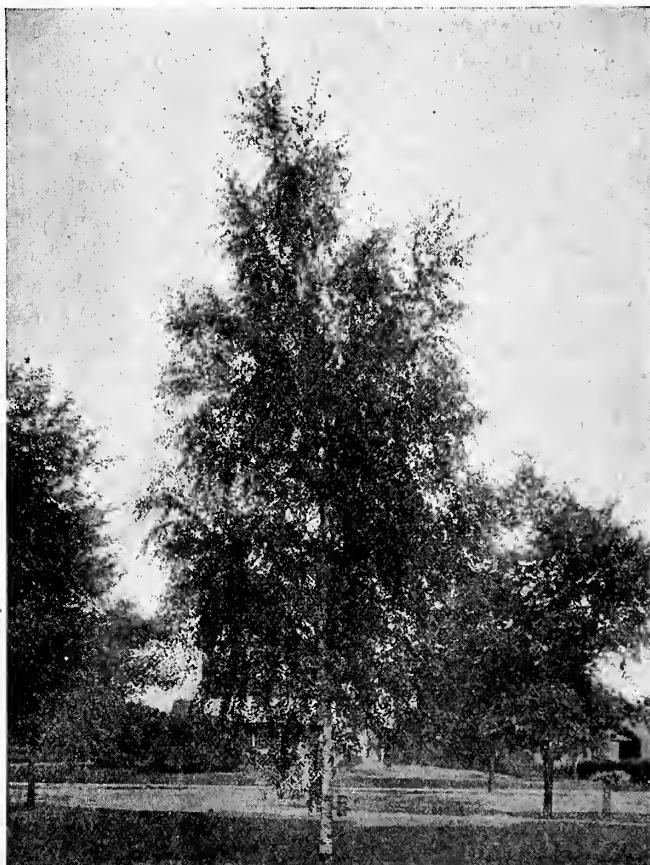
## BETULA—Birch

One of the most graceful members of the great family of trees. All are attractive, whether the upright or weeping forms. They thrive on poor soil and in exposed situations.

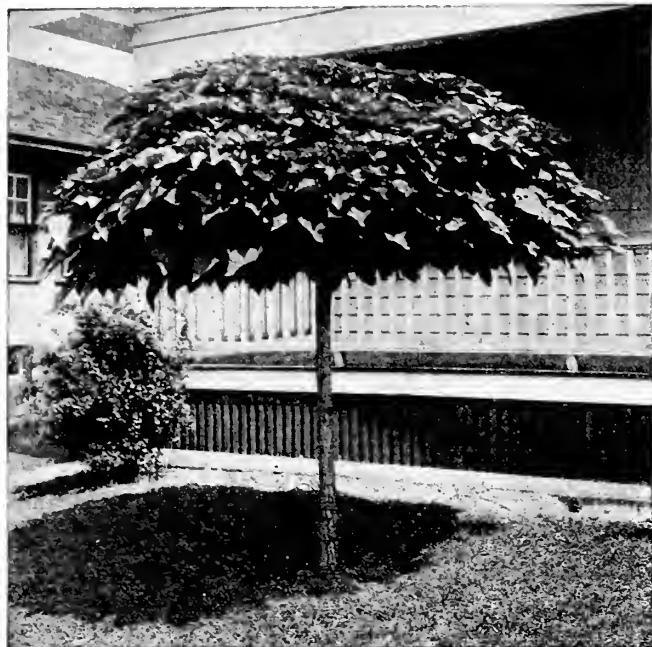
**B. alba** (White Birch, European). **A.** Symmetrical, of rapid growth, reaching a height of thirty feet. Spray-like branches, bark pure white after three or four years' growth. Price each: 5 to 6 ft. \$2.00; 6 to 8 ft. \$2.50.

**B. var. pendula laciniata** (Cut-leaved Weeping Birch). **B.** Very much in favor as an ornamental tree for the lawn. Tall, slender and graceful, its branches droop in long streamers; bark silvery white. Spring planting is best. Price each: 5 to 6 ft. \$3.00; 6 to 8 ft. \$4.00.

**Betula papyrifera**. (Canoe or Paper Birch). **B.** An ornamental tree, with graceful, branching habit. When young the bark is brown, changing gradually to white as the tree grows older. Price each: 6 to 8 ft. \$2.50.



Betula pendula laciniata



Catalpa Bungei

**CATALPA**

**C. Bungei** (Umbrella Tree). D. A dense, spherical head of large heart-shaped leaves, grafted on a stem five to six feet in height, useful as a formal ornament for lawn or avenue. Hardy in Boston and southward. Price: 2 year heads, \$2.50 each, \$22.00 for ten.

**C. speciosa** (Indian Bean). A. A variety common in the West. Bears large orchid-shaped white flowers in July, followed by long bean-pods. Price: 6 to 8 feet. \$1.25 each, \$12.00 for ten; 8 to 10 ft. \$1.50 each, \$14.00 for ten.

**CERASUS—Flowering Cherry**

These are the Japanese cherries so much admired in Washington in the early Spring.

**C. avium flore plena**. Large growing tree with an abundance of double white flowers.

**C. Beni-Higan**. Dwarf tree, single pink, very prolific. The first cherry to bloom in the Spring long before the Forsythia.

**C. Hizakura**. Flowers pale pink, double. One of the handsomest varieties.

**C. Ranunculiflora**. Double white flowers.

**C. Yedoensis**. Tree-like shrub or small tree. Flowers are slightly fragrant in clusters of two to several, usually preceding the leaves. Color white to pink. This is the cherry so generally planted in parks, temple grounds, and streets of Tokyo. Its flowering is the occasion of popular festival in the city of Tokyo.

Price of the above for plants 3 to 3½ ft. high, \$3.00 each. Price for entire collection, one plant each for \$12.50.

**C. Japonica pendula**. The beautiful pink-flowered weeping cherry from Japan. 2-year heads. Price \$5.00 each.

**CERCIDiphyllum—Kadsura Tree**

**C. Japonicum**. B. A tree of compact pyramidal outline. The heart-shaped leaves are rosy purple in Spring, silvery beneath. Prefers damp soil. Each: 6 to 8 ft. \$2.00; 8 to 10 ft. \$3.00.

**CERCIS—Judas Tree or Red Bud**

**C. Canadensis**. C. Before the foliage appears, the stems are clothed with a profusion of reddish-purple flowers, quite unique in color and appearance. The leaves are heart-shaped with a glossy surface. Price each: 2 to 3 ft. 75c; 3 to 4 ft. \$1.00.

**CHIONANTHUS—White Fringe**

**C. Virginica**. D. One of the most ornamental of shrubs, producing racemes of fringe-like white flowers in June. The leaves are moderately large, dark green, and are quite ornamental. Will thrive in low, marshy ground as well as in higher situations. Price each: 3 to 4 ft. \$1.50, \$12.00 for ten.

**CORNUS—Flowering Dogwood**

**C. florida**. (White Flowering Dogwood). B. American variety of irregular habit with spreading open top, growing about 25 feet high. The flowers are white, produced in May, followed by scarlet berries and gorgeous Autumnal coloring of the leaves. It associates well with other low trees. Does best in a warm, sheltered location in New England. Price each: 2 to 3 ft. \$1.50; 3 to 4 ft. \$2.00; 4 to 5 ft. \$3.00.

**C. var. rubra** (Red Flowering Dogwood). C. The flowers are like C. florida, except that they are a deep rose-color, freely produced. A fit companion to the white form. Price each: 2 to 3 ft. \$5.00; 3 to 4 ft. \$6.50.

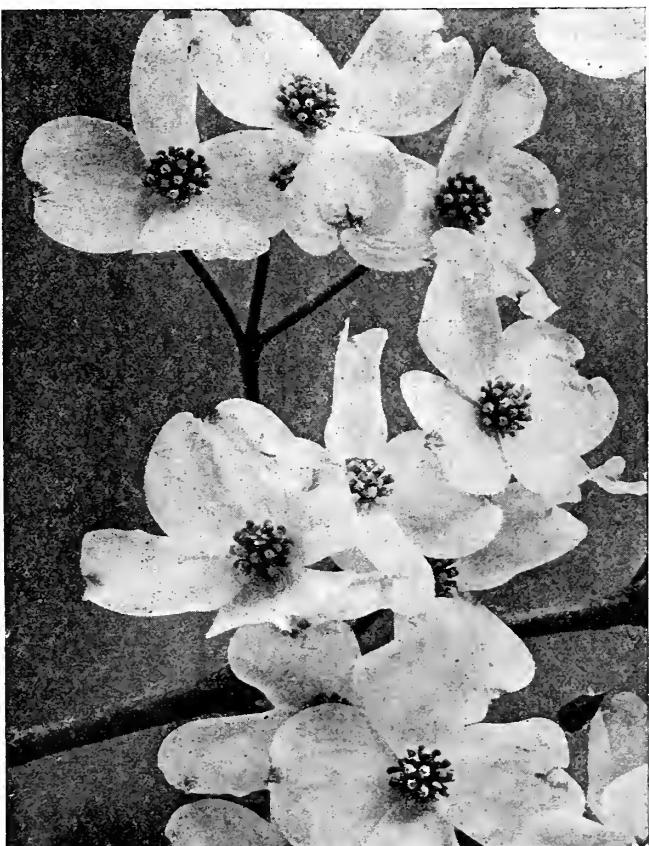
**CRATÆGUS—Flowering Hawthorn**

Among the flowering trees hardy in this climate the Hawthorns take a prominent part. They bloom in May and June, and bear scarlet or coral-red berries which remain late into the Winter. The Common Hawthorn (*C. oxyacantha*) is much used for hedges.

**C. cordata** (Washington Thorn). B. Clusters of small white flowers, followed by bright red fruit. Price each: 3 to 4 ft. \$1.50.

**C. crusgalli** (Cockspur Thorn). C. Long thorns, glossy foliage, and bright fruit in Autumn. Makes a fine hedge and screen plant. Price each: 2 to 3 ft. \$1.00; 3 to 4 ft. \$1.75.

**C. oxyacantha** (Common Hawthorn). C. The English Hedge Thorn and excellent for the purpose in this country. Pure white flowers. Price each: 3 to 4 ft. \$1.50, \$14.00 for ten.



Cornus florida—Flowering Dogwood

**C.** var. *alba plena* (White-flowering Double Thorn). **C.** A fine contrast to the Double Scarlet or Paul's Thorn. Price each: 3 to 4 ft. \$2.00, \$18.00 for ten; 4 to 5 ft. \$3.00 each.  
**C.** var. *Rosea plena* (Pink-flowering double Thorn). A deep pink variety, becoming more sought for every year. Price each: 3 to 4 ft. \$2.00.  
**C.** var. *splendens* (Paul's Double Scarlet Thorn). **C.** The best of the double varieties. The flowers are of brilliant carmine. Price each: 3 to 4 ft. \$2.00; 4 to 5 ft. \$3.00; 5 to 6 ft. \$3.50.

**FAGUS—Beech**

**F.** *sylvatica* (European Beech). **A.** Of slower growth than the American, with darker bark and more compact habit. Price each: 14 to 16 ft. B & B \$20.00.  
**F.** var. *purpurea* (Copper Beech). **A.** A noble tree with purple foliage. Price each: 12 to 14 ft. B. & B. \$20.00.

**FRAXINUS—Ash**

**F.** *americana* (American White Ash). **A.** Rapid growing tree, making a broad spreading specimen, especially effective on lawns. As they do not shade the lawn very much it is quite possible to keep the grass in good condition. Foliage dark green above, light silvery beneath turning to golden yellow in the Autumn. Price: 6 to 8 ft. \$1.50 each; \$14.00 for ten; 8 to 10 ft. \$2.00 each; \$18.00 for ten; 10 to 12 ft. \$2.50 each.

**GINKGO—Maiden-Hair Tree**

**G.** *biloba*. **B.** Dark green, thick leaves shaped like the maidenhair fern, from which it takes its name. Rapid grower, and very hardy. A fine tree for street planting as well as for specimen on small or large lawns. Price each: 6 to 8 ft. \$2.50; 8 to 10 ft. \$3.00.

**HALESIA—Snowdrop Tree**

**H.** *tetraptera*. **C.** A beautiful, strong growing Dwarf tree, with an abundance of white bell-shaped flowers during the month of May. Price each: \$1.50.

**JUGLANS—Walnut**

**J.** *cinerea* (Butternut). **A.** Formerly a well-known tree, esteemed for its nuts of delicate flavor. Price each: 5 to 6 ft. \$2.00; 6 to 8 ft. \$2.50.  
**J.** *nigra* (Black Walnut). **A.** An old favorite, bearing nuts with thick, very rich kernels. Price each: 6 to 8 ft. \$2.50.



Malus—Flowering Crab Apple

**LABURNUM—Golden Chain**

**L.** *vulgare* (Cytisus Laburnum). **C.** Dwarf tree, or large shrub, with shining green foliage. The name "Golden Chain" alludes to the length of the drooping racemes of yellow flowers, which appear in June. Price each: 3 to 4 ft. \$1.50; 4 to 5 ft. \$2.00.

**LARIX—Larch**

**L.** *Europaea* (European Larch). **A.** Compact in growth, with light green foliage and drooping habit. Valuable as a timber tree and beautiful as a specimen on one's grounds. Price each: 3 to 4 ft. \$1.50.

**LIRIODENDRON**

**L.** *tulipifera* (Tulip Tree or Whitewood). **A.** Among the largest of our native trees, forming broad, spreading specimens. Leaves glossy and large. The flowers resemble Tulips, and are large and greenish-yellow, blotched with orange, appearing in June. Price each: 6 to 8 ft. \$2.50.

**MAGNOLIA**

**M.** *acuminata* (Cucumber Tree). **A.** A tree of large pyramidal growth, with large, deep-green leaves and yellowish-white inconspicuous flowers in May. The showy carmine fruits are shaped like cucumbers. Hardy and vigorous. Price each: 3 to 4 ft. \$3.00.

**M.** *glaucia* (Sweet Magnolia). **C.** Foliage glaucous underneath, shiny green above. Flowers are creamy white, very fragrant. Seed pods open to brilliant coral red. Price each: 2 to 3 ft. \$5.00.

**M.** *Soulangeana*. **C.** Perhaps the most popular of all Magnolias, being of vigorous growth, and blooming profusely even when quite small. The flowers are large, pink on the outside of petals and white inside. Price each: 2 to 3 ft. \$7.50.

**MALUS—Flowering Crab Apple**

**M.** *Arnoldiana* (Arnold Crab). One of the most beautiful varieties. Very large rose-colored flowers turning white. Price each: 3 to 4 ft. \$2.00.

**M.** *atrosanguinea* (Carmine Crab). Makes a splendid head, covered with deep carmine flowers, not fading white. Very choice. Bears ornamental fruit. Price each: 3 to 4 ft. \$2.00.

**M.** *floribunda* (Flowering Crab). **C.** A shrub or small tree with a symmetrical crown. Flowers rose or rose-red, produced in great profusion; fragrant. Fruit red, about the size of a pea, on long, slender pedicels. Price each: 3 to 4 ft. \$2.00.

**M.** *Ioensis plena* (Bechtel's Double-flowering Crab). **C.** A shrub or small tree with spreading or ascending branches, forming a wide head. Flowers large and very double, resembling small roses, of a delicate pink or blush color; fragrant. One of the most remarkable of Double-flowering Crabs, and should be in every garden. Price each: 2 to 3 ft. \$1.50; 3 to 4 ft. \$2.00.

**M.** *Parkmanii*. **C.** It grows about 20 feet high and fully as wide, and has an exceedingly dense head of fine branches. Each bud produces regularly five blossoms set on stems three inches long, which are so slender that they bend with the weight of the buds or bloom in a very graceful fashion. The buds are carmine in color; the open blossoms are semi-double, and the tree, when in bloom, presents a most gorgious appearance. Price each: 3 to 4 ft. \$2.00.

**M.** *Sargentii* (Sargent Crab). **D.** Very dwarf spreading Japanese variety. Pure white flowers with bright yellow anthers. Scarlet fruit. One of the finest varieties. Should be in every collection. Price each: 3 to 4 ft. \$2.00.

**M.** *Scheideckeri* (Double-flowering Crab). **C.** Flowers double, bright rose, of great substance and durability. Splendid for cut-flowers. Price each: 3 to 4 ft. \$2.00.

**M.** *spectabilis* (Chinese Flowering Crab). **C.** Beautiful coral-red buds, paing to delicate rose. Price each: 3 to 4 ft. \$2.00.

**M.** *theifera*. **C.** Small tree with stiff, spreading branches resembling a cherry tree when in bloom. Flowers are white or light pink with purple calyx. Leaves and bark are purplish. Fruit light greenish yellow with reddish cheek. Price each: 3 to 4 ft. \$2.00; 4 to 5 ft. \$3.00.



Morus—Mulberry

**MORUS—MULBERRY**

Either the Weeping, or the Russian Mulberry should be planted, where a place for these trees can be found; as aside from the ornamental value of the plants themselves, the fruit attracts the birds, as they have a great liking for them.

**M. alba pendula** (Tea's Weeping Mulberry). An old favorite for lawn decoration. It makes a low tree six feet high, with pendulous branches that reach to the ground. A truly delightful tree. Bears luscious black fruit. Price: \$3.00 each.

**M. tatarica**. (Russian Mulberry). C. Low growing, bushy top, bearing small black fruit abundantly. Price each: 5 to 6 ft. \$1.50; 6 to 8 ft. \$1.75.

**POPULUS—POPLAR**

The Poplars supply us with rapid growing trees in forms suitable for street, shade, and screening purposes. Probably the best known variety is the Lombardy Poplar used so much for screening unsightly objects. For this purpose it should be set from 4 to 8 feet apart, according to the density of screen required.

**P. Eugenei** (Carolina Poplar). A. Good in almost any location, thriving at the seashore in poor, sandy soil. It forms a fine-shaped spreading tree, with large, dark, glossy leaves, and for screens is unequalled. Price: 6 to 8 ft. \$1.25 each, \$10.00 for ten; 8 to 10 ft. \$1.50 each, \$12.50 for ten.

**P. nigra Italica** (Lombardy Poplar). A. Well-known tree of narrow, upright growth, with light green, small leaves. Price: 6 to 8 ft. \$1.25 each; \$10.00 for ten, \$90.00 for 100; 8 to 10 ft. \$1.50 each, \$12.50 for ten, \$100.00 for 100; 10 to 12 ft. \$2.00 each, \$18.00 for ten, \$150.00 for 100; 12 to 14 ft. \$2.50 each, \$22.50 for ten, \$200.00 for 100.

**PTELIA—HOP TREE**

**P. trifoliata**. C. Glossy green foliage, when bruised gives out an odor of hop. Green fruit-pods in Autumn. Price each: 5 to 6 ft. \$1.25; 6 to 8 ft. \$1.50.

**SPRAYING FOR LEAF EATING INSECTS**

The annual ravages of brown-tail, gypsy moth, and tent caterpillars may be controlled by the use of Corona Dry Arsenate of Lead. For both trees and shrubs coming into full leaf, one half pound of Dry Arsenate to ten gallons of water, or two to three level teaspoonsfuls to the gallon will be effective and will not burn the foliage.

**PRUNUS—PLUM**

**P. Pissardi** (Purple-leaved Plum). C. Handsome form, with purple leaves and wine-red fruits; one of the best of the small purple-leaved trees, retaining its color until Autumn. Hardy wherever the common Plum will stand. Price each: 3 to 4 ft. \$1.50; 4 to 5 ft. \$2.00.

**P. Cistena**. (Hansons purple Plum). Similar to P. Pissardi. Leaves are brighter red, making it a fine plant among the green shrubs. Price each: 3 to 4 ft. \$1.50.

**QUERCUS—OAK**

Long lived trees, free from insect and fungus pests; suitable for shade or street planting. The Pin Oak is one of the best permanent street trees, yet grows almost as rapidly as a Maple.

**Q. bicolor** (Swamp White Oak). Does well in wet ground, but will thrive in well-drained soils. One of the fastest growing varieties of oaks. Price each: 6 to 8 ft. \$3.00.

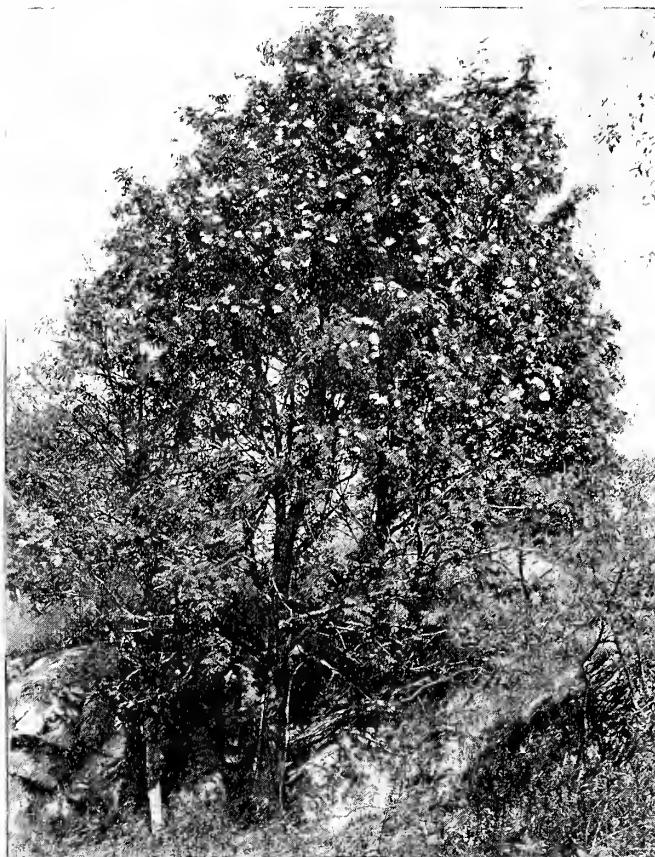
**Q. coccinea** (Scarlet Oak). B. There is no better Oak than this variety. It forms a large tree of fine proportions, the large, leathery leaves turning to a fiery scarlet in Autumn. A good street tree. Price each: 6 to 8 ft. \$4.50; 8 to 10 ft. \$5.00.

**Q. palustris** (Pin Oak). A. We consider this and Coccinea the two best Oaks. It is distinguished by its elegant growth and the drooping tendency of its limbs, and fine, deeply-cut foliage, which, in the Autumn, colors brilliantly. Being one of the easiest Oaks to transplant, it is in great favor as a street tree. Price each: 6 to 8 ft. \$4.00; 8 to 10 ft. \$5.00; 10 to 12 ft. \$6.50.

**Q. rubra** (Red Oak). A. An American variety, rapid in growth, with large foliage, which assumes in the Autumn a purplish scarlet hue. It makes a fine specimen and cannot be too highly recommended for general planting. Price each: 6 to 8 ft. \$4.00; 8 to 10 ft. \$4.50.



Quercus palustris—Pin Oak



Sorbus aucuparia

**SALIX—Willow**

Willows prefer a damp situation, stand severe pruning without injury. The Laurel Leaved Willow (*S. Pentandra*) is the most valuable plant for coarse hedge purposes.

**S. Babylonica** (Weeping Willow). **A.** The well-known variety. Bright green foliage, borne on slender, drooping branches. Especially effective when planted near water. Price each: 6 to 8 ft. \$1.50; 8 to 10 ft. \$2.00.

**S. caprea**. (Pussy Willow). Leaves broad, light green, covered with hairs, whitish on under surface. Catkins very conspicuous in early Spring. Price each: 3 to 4 ft. 75c, 4 to 5 ft. \$1.00.

**S. elegantissima** (Thurlow's Willow). **B.** Long spreading branches, beautifully drooping; one of the finest of the weeping willows. Price each: 6 to 8 ft. \$2.00.

**S. pentandra, or laurifolia**. (Laurel-leaved Willow). **B.** A rapid-growing tree notable for its shining, dark green foliage. May be grown as an individual specimen, or is useful for hedges or screens when height is desired. Does well at the seashore. Price: 3 to 4 ft. 60c each, \$5.00 for ten, \$40.00 for 100; 4 to 5 ft. 75c each, \$6.50 for ten, \$60.00 for 100; 6 to 8 ft. \$1.00 each, \$9.00 for ten; 8 to 10 ft. \$1.50 each.

**S. vitellina aurea** (Golden Willow). **B.** Grows into large tree with short trunk. The golden branches are especially attractive in Winter. Price: 5 to 6 ft. \$1.00 each, \$9.00 for ten; 6 to 8 ft. \$1.50 each, \$12.50 for ten.

**SORBUS**

**S. aucuparia** (European Mountain Ash). **D.** A most conspicuous tree in Autumn, when loaded with clusters of bright scarlet berries. Price each: 5 to 6 ft. \$2.00; 6 to 8 ft. \$2.50; 8 to 10 ft. \$3.00.

**SYRINGA—Lilac**

**S. Japonica** (Japan Tree Lilac). **C.** Under this head we can include but one variety—the remarkable Tree Lilac of Japan

—all other forms being strictly shrubs. The common Lilacs mildew the last half of the Summer, but the foliage of this variety is always clean and glossy. Makes a clean, straight, trunk, and develops into one of the handsomest of small trees, with very large clusters of white flowers. Price each: 3 to 4 ft. \$1.50; 4 to 6 ft. \$2.00.

(See Shrub Section page 120 for Hybrid Lilacs.)

**TILIA—Linden or Lime**

The Lindens are excellent shade and street trees, thriving under all ordinary conditions. They are being largely used, especially the American and European varieties, for planting along our streets and state highways, as they seem to resist the attack of most insects.

**T. Americana** (Linden or Basswood). **A.** The largest-growing Linden, making a majestic tree. Suitable for parks or streets. When in blossom, its yellow flowers are intensely fragrant. A fine and valuable tree. Price each: 6 to 8 ft. \$3.00, 8 to 10 ft. \$3.50.

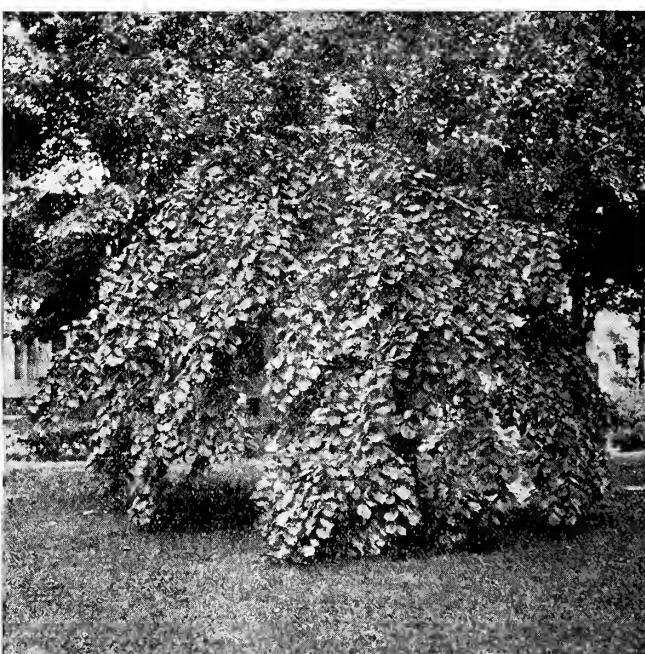
**ULMUS—Elm**

**U. Americana** (American Elm). **A.** A large and stately tree with long and graceful branches. Leaves oblong, sharply serrate, dark green, turning pale yellow in Autumn. Very picturesque in age, and desirable for lawn or landscape. Price: 6 to 8 ft. \$1.50 each, \$14.00 for ten; 8 to 10 ft. \$2.50 each; 10 to 12 ft. \$3.50 each, 12 to 14 ft. \$4.50 each.

**U. Fastigiata A.** (Moline Elm). A beautiful, upright pyramidal growing tree. It does not branch like the American Elm, and grows more rapid. Will make a splendid tree for street planting. Price each: 8 to 10 ft. \$4.00.

**U. Montana pendula D.** (Camperdown Elm). We are again able to offer the Camperdown or Weeping Elm, grafted on stems 4 to 6 ft. high, forming a graceful drooping tree. Large strong heads. Price each: \$5.00.

**U. Pumila**. Chinese Elm. **A.** A new Elm with rather small leaves, introduced in 1908 from China. The department of agriculture in its bulletin says: "It is a rapid grower, with slender, almost wiry branches. It is one of the first trees to leaf out in the spring and the last to shed its leaves in the fall. Remarkably free from the usual plant diseases and insect injuries so common in many of the elms. It is very hardy and has proved valuable under a greater variety of climatic and soil conditions than any tree yet introduced." Price each: 8 to 10 ft. \$5.00.



Ulmus Montana pendula

# FLOWERING SHRUBS

When right selections are made, the shrub border will show striking flower or foliage effects from early Spring until Autumn. Even in Winter shrubs are attractive for the gracefulness and color of their stems and branches. The following list comprises sorts which have

Abbreviations denoting size at Maturity: L, large (8 to 12 ft.); M, medium (5 to 8 ft.); S, small (3 to 5 ft.); D, dwarf (2 to 3 ft.)  
VD, very dwarf (1 to 2 ft.) Time of flowering is indicated for each variety.

Prices except as noted: 75 cents each; for 5 or more of one variety 65 cents each.

## ACANTHOPanax

**A. pentaphyllum** (*Aralia pentaphylla*). M. A graceful shrub, with arching, spiny branches and green shining foliage. Excellent on rocky banks and slopes, and also valuable for hedges.

## AMELANCHIER

**A. Canadensis** (Shadbush or Dwarf Juneberry). L. Bush or small tree; white flowers in April; fruit juicy, of good flavor.

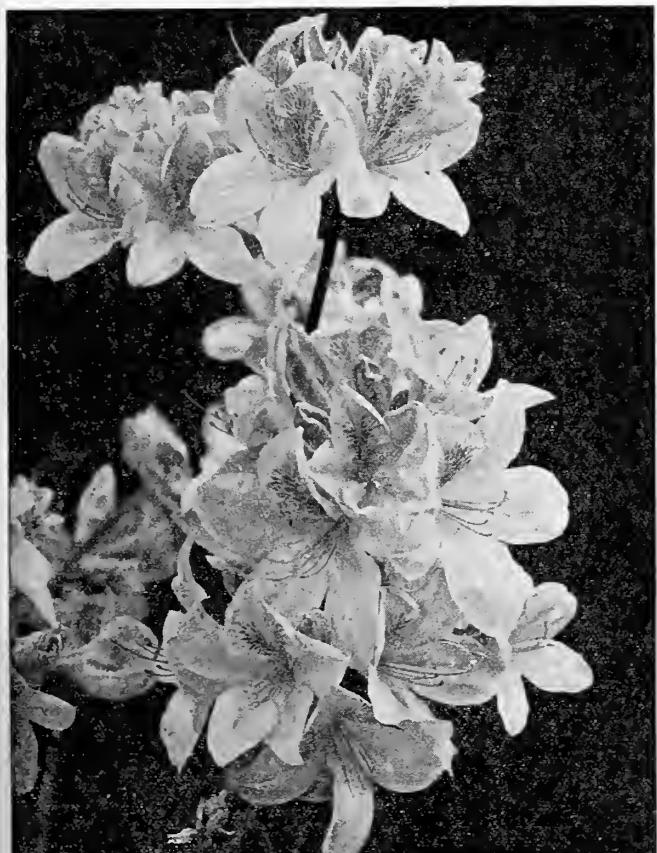
## AMORPHA

**A. fruticosa**. (*Indigo Bush*). M. June. Strong growing shrub with finger-like spikes of Indigo-blue flowers.

## ARONIA

**A. arbutifolia** (Red Chokeberry). M. Very ornamental shrub, leaves woolly beneath, bright tints in Autumn; pure white flowers and bright red berries.

**A. melanocarpa** (Black Chokeberry). M. Has smooth leaves and large black berries in Autumn.



Azalea

been found of value in this climate. Most varieties may be planted with equal success in either Spring or Autumn. In general, for massed effects, the dwarf and small-growing shrubs should be set  $2\frac{1}{2}$  feet apart; medium and large-growing, 3 to 5 feet apart.

## AZALEA

Without exception, the most showy of flowering shrubs. Dwarf in habit, they associate well with other shrubs, or can be grouped in masses. They prefer deep leaf-mould soil or peat, which will not dry out in Summer.

**A. arborescens** (Smooth Azalea). S. July. A large and spreading Azalea, with handsome, dark green foliage, producing white and rose-tinted blossoms late in Summer. Highly fragrant. Price: 15 to 18 in. \$2.50 each, \$22.50 for ten; 18 to 24 in. \$3.00 each.

**A. calendulacea** (Flame Azalea). M. June. In May and June this Azalea is a mass of blossoms of all shades from light straw-color to the deepest orange. Price each: 15 to 18 in. \$2.50; 18 to 24 in. \$3.00.

**A. Kaempferi** (Scarlet Azalea). Price each: 15 to 18 in. \$4.00; 18 to 24 in. \$4.50; 24 to 30 in. \$6.00.

**A. mollis** (Chinese Azalea). D. Dwarf habit. Resembles Rhododendron; good foliage; flowers in all shades of red, white, yellow, and orange; perfectly hardy, thriving in sunny positions. Price each: 15 to 18 in. \$3.00, 18 to 24 in. \$4.00.

**A. Vaseyi**. L. June. Its pink or purple blossoms are very like the blossoms of the Rhododendrons. Price each: 15 to 18 in. \$3.50; 18 to 24 in. \$4.50 each.

**A. viscosa** (White Swamp Honeysuckle). L. June and July. Flowers in clusters, pure white, with shades of pink, and intensely fragrant. Price: 18 to 24 in. \$2.25 each, \$20.00 for ten; 24 to 30 in. \$3.00 each, \$27.00 for ten.

## BERBERIS—Barberry

**B. Thunbergi** (Thunberg's Japanese Barberry). S. June. A species from Japan, with round, drooping habit; leaves of a fine brilliant green in Summer, taking on, from early Autumn till December, the most glowing colors. After the leaves fall, the branches are seen to be loaded with scarlet-crimson berries. Unexcelled as a hedge-plant, being thickly set with spines, and never growing bare. Price: 12 to 15 in. \$1.50 for ten, \$10.00 for 100; 15 to 18 in. \$2.00 for ten, \$12.00 for 100; 18 to 24 in. 35c each, \$3.00 for ten, \$18.00 for 100; 24 to 30 in. 50c each, \$4.00 for ten, \$30.00 per 100.

**B. vulgaris** (Common barberry). M. This is the common barberry used as individual plants, having larger leaves, and large clusters of fruit. Price: 60c each, \$5.00 for ten.

**B. vulgaris atropurpurea**. M. This is the purple leaved variety of the above.

**B. Thunbergi nana** (Box Barberry). Dwarf type of the Japanese Barberry. This variety is now extensively used as edging around beds, where Boxwood used to be planted. It is perfectly hardy, and can be sheared to any height desired. Price: 9 to 12 in. 50c each; \$4.00 for ten, \$30.00 for 100.

## BERBERIS THUNBERGI ATROPURPUREA

Red-leaved Japanese Barberry. Similar in every respect to the green leaved variety except that foliage is rich bronzy red. This color remains brilliant all through the summer. When planting, it must be given full exposure to the sun, in order to bring out its best colors. Price: 2 year old plants \$1.25 each, \$11.00 for ten.

**BUDDLEIA—Butterfly Bush**

**B. Magnifica.** Long spikes of Lilac-purple flowers with yellow centers, from mid-summer until frost. It is semi-herbaceous, often dying back to within a few inches of the ground, but growing vigorously from the roots the next season.

A good mulch of leaves, litter or straw in the late Autumn is highly recommended, and it has been proven that the plants should not be cut back in the Autumn, but severely pruned in early Spring.

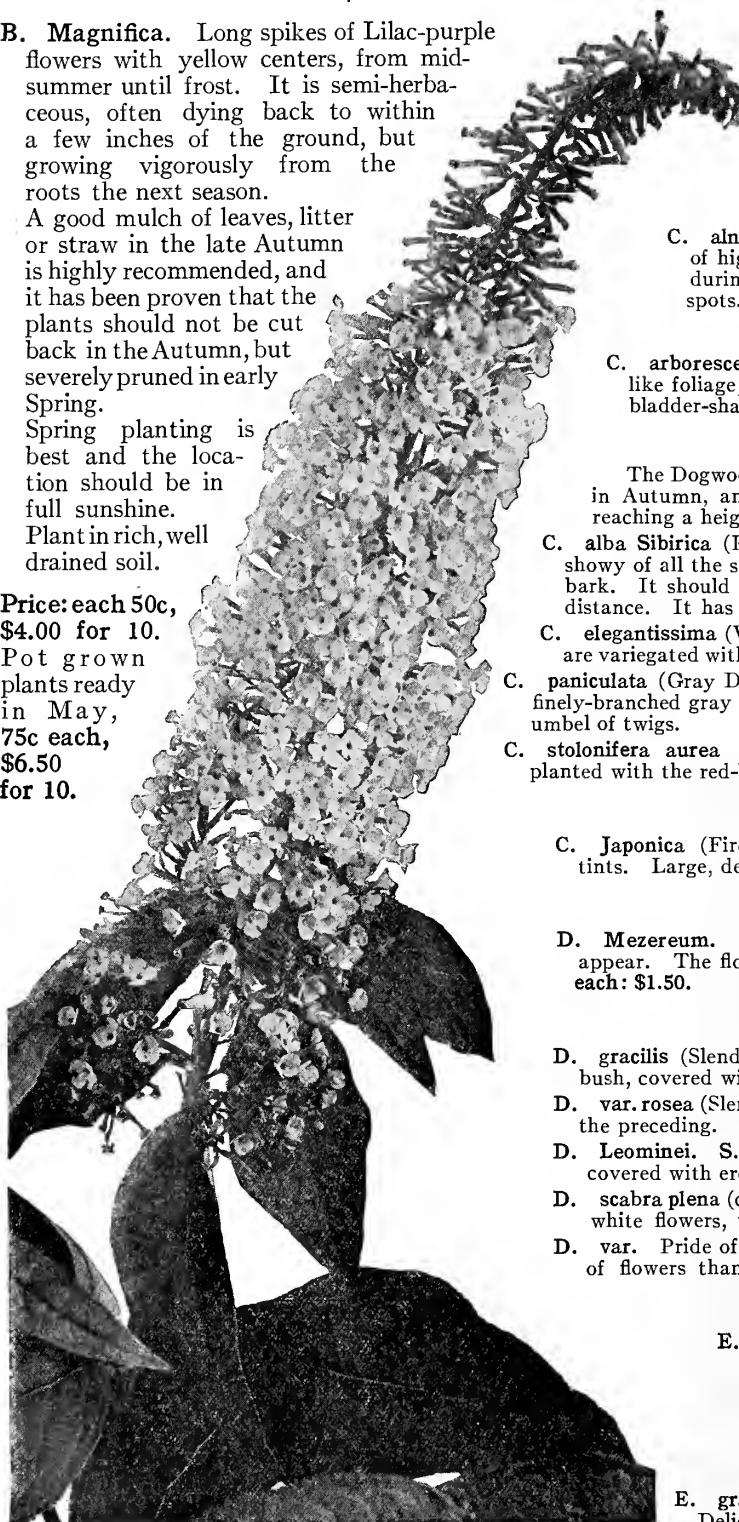
Spring planting is best and the location should be in full sunshine.

Plant in rich, well drained soil.

Price: each 50c,  
\$4.00 for 10.

Pot grown  
plants ready  
in May,  
75c each,  
\$6.50  
for 10.

Buddleia Magnifica



Prices except as noted: 75 cents each: for 5 or more of one variety 65 cents each.

**CALYCANTHUS—Sweet Shrubs**

**C. floridus** (Carolina Allspice). **M.** An old fashioned favourite, blooms all Summer. Fine glossy foliage and pineapple-scented, chocolate-coloured flowers.

**CARAGANA—Siberian Pea Tree**

**C. arborescens.** **L.** June. Showy, small, yellow flowers. Dark green wood and attractive foliage.

**CLETHRA—White Alder**

**C. alnifolia** (Sweet Pepper Bush). **S.** July to September. Spikes of highly fragrant white flowers are produced in lavish profusion during nearly the entire Summer. Excellent for growing in shady spots.

**COLUTEA—Bladder Senna**

**C. arborescens.** **L.** July. Of compact growth. Light green, acacia-like foliage; yellowish-red, pea-shaped flowers, followed by curious red, bladder-shaped pods. Hardy and good in any soil.

**CORNUS—Cornel or Dogwood**

The Dogwoods are attractive for their delicate blossoms in Spring, of fruit in Autumn, and their bright coloured bark in Winter. They grow rapidly, reaching a height of 8 feet or more.

**C. alba Sibirica** (Red-barked Dogwood). **M.** In the Winter this is the most showy of all the shrubs, standing out bright and cheerful with its brilliant red bark. It should be planted in groups where its colour effect is visible at a distance. It has healthy, compact, foliage, white flowers, and white berries.

**C. elegantissima** (Variegated Cornelian Cherry). **M.** Very showy shrub, leaves are variegated with pink or yellow, making it desirable among other shrubs.

**C. paniculata** (Gray Dogwood). **L.** July and August. A bush with a multitude of finely-branched gray twigs and stems, the whole plant taking the form of a round umbel of twigs.

**C. stolonifera aurea** (Golden-barked Dogwood). **N.** A striking contrast when planted with the red-barked variety.

**CYDONIA—Japan Quince**

**C. Japonica** (Fire Bush). **M.** May. Glossy, dark foliage, with reddish tints. Large, deep scarlet flowers in abundance, followed by large fruit.

**DAPHNE**

**D. Mezereum.** Small hardy shrub flowering in March, before the leaves appear. The flowers are close along the stem, and are very fragrant. Price each: \$1.50.

**DEUTZIA**

**D. gracilis** (Slender Deutzia). **D.** May or June. It forms a round, dense bush, covered with snow-white flowers.

**D. var. rosea** (Slender Pink Deutzia). **D.** Of hybrid origin, closely resembling the preceding. Light rose-coloured flowers in profuse clusters.

**D. Leominei.** **S.** A remarkably fine hybrid. The branches are entirely covered with erect panicles of large, snow-white flowers.

**D. scabra plena** (*crenata plena*) (Double Pink Deutzia). **L.** June. Very double, white flowers, tinged with purplish rose.

**D. var.** Pride of Rochester. **L.** June. More vigorous and with larger panicles of flowers than the preceding. Blossoms are tinted with rose.

**ELAEAGNUS—Oleaster**

**E. longipes** (Japan Oleaster). **L.** July. The leaves are smooth and dark green above and covered on the lower surface with a dense silvery white pubescence. The small yellow flowers are solitary. The red fruit is exceedingly ornamental. Price: 90c each, \$8.00 for ten.

**EXOCHORDA—Pearl Bush**

**E. grandiflora.** **L.** Foliage broad, lanceolate-obate, sharp-pointed. Delicately fragrant flowers, pure white, with spoon-shaped petals which are very narrow and stand apart at the base.

**EUONYMUS—STRAWBERRY TREE**

**E. alatus** (Winged Burning Bush). L. A handsome shrub 6 to 8 feet tall, with corky-winged branches. Native of China and Japan. Leaves oval, bright green changing in Autumn to gorgeous tones of red and crimson. Price each:  $2\frac{1}{2}$  to 3 feet \$2.00.

**E. alatus compacta**. A dwarf form of the above. Fine for hedging. Price each:  $2\frac{1}{2}$  ft. \$2.50.

**E. Europaeus** (Spindle Tree). L. May. Forms a low, round-headed tree, very compact. Foliage dark, associating well with the pendulous orange and red fruit of Autumn.

**FORSYTHIA—GOLDEN BELL**

The earliest of our Spring-flowering shrubs, blooming in April before the leaves appear. They reach a height of 6 to 8 feet; some are upright and stiff in habit of growth, while others, F. suspensa in particular, are drooping and graceful.

**F. spectabilis**. L. The finest of them all. Large flowers cover the whole stems.

**F. suspensa** (Weeping Golden Bell). L. April. The long, willowy branches arch gracefully over to the ground and are covered to the tips with trumpet-shaped yellow flowers.

**F. var. Fortunei** (Golden Bell). L. April. One of our best hardy shrubs. Bears its bright yellow flowers in great profusion early in April, before the leaves appear. Foliage deep green and handsome. Grows vigorously in any sunny situation.

**HAMAMELIS—WITCH HAZEL**

**H. Virginiana**. L. November. Large foliage with downy surface, and yellow flowers, appearing after the ripening of the leaves in November. Grows in all soils.

**HIBISCUS—Rose of Sharon**

**H. Syriacus**. Single, white, red, and blue.

**H. Syriacus**. Double. White, red, pink and blue.



Hibiscus Syriacus

Prices except as noted: 75 cents each; for 5 or more of one variety 65 cents each.



Kerria Japonica fl. pl.

**HYDRANGEA**

Old favorites which should be included in every shrub collection. They bloom late in the season and the heads of flowers remain until after cold weather sets in. They do well in dry soil; severe pruning in early Spring is necessary if profusion of bloom is sought.

**H. arborescens grandiflora** (Snowball Hydrangea). M. Bears spherical heads of pure white flowers in July.

**H. paniculata**. L. September. The single form of Paniculata grandiflora. Is valued highly in landscape planting and should be more generally used.

**H. pan. var. grandiflora**. L. September. Bears immense cone-shaped heads of white flowers, turning later to shades of pink and red. Given plenty of water and hard pruning every Autumn, its heads of bloom attain immense size.

**H. pan. grand. Standard or Tree Form**. Branched 2 to 3 feet above the ground, the total height being 5 feet or more. A pleasing small tree for lawn or border. Price: each \$1.50.

**ILEX—BLACK ALDER**

**I. verticillata** (Black Alder). M. June. Glossy, dark green foliage and bright crimson berries late in Autumn. Ornamental. Grows in wet or shady places. Price: \$1.00 each, \$9.00 for ten.

**KERRIA—CORCHORUS or GLOBE FLOWER**

**K. Japonica**. M. A valuable shrub, bearing single yellow flowers all Summer; in Winter its green branches contrast in marked manner with other shrubs.

**K. var. flore pleno**. Very double, deep yellow flowers.

**LIGUSTRUM—PRIVET**

While the Privets are usually thought of as being particularly for hedging purposes they also become attractive flowering shrubs when given room to develop (See also under "Hedges")

Price except as noted: 18 to 24 in. 30c; each, \$2.50 for ten, \$15.00 for 100; 2 to 3 ft. 40c each, \$3.00 for ten, \$18.00 for 100; 3 to 4 ft. 50c each, \$4.00 for ten, \$24.00 for 100.

**L. Amurense** (Amur River Privet). M. A large shrub with upright branches, growing 8 to 12 feet tall. Native of China. Leaves dark green and lustrous, tardily deciduous. Splendid for hedges. Sizes offered. 18 in. to 4 ft.

**L. Iboleum**. This is one of the newer varieties with shiny leaves, like the California privet and the hardness of the Amur River privet. Price 2 to 3 ft. 40c each, \$3.00 for ten, \$18.00 for 100; 3 to 4 ft. 50c each, \$4.00 for ten, \$24.00 for 100.

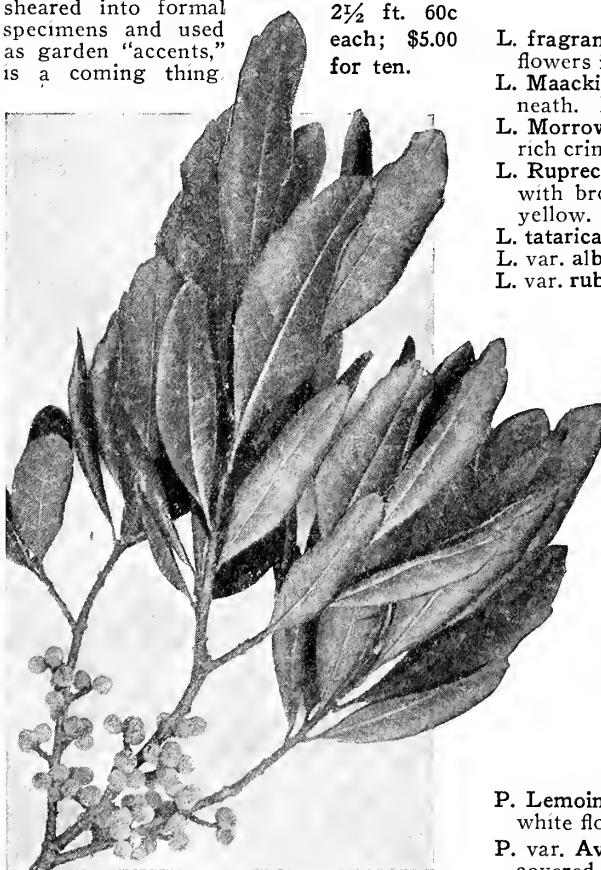
**L. Ibota** (Japanese Privet). M. July. A Privet of the most beautiful character. Dark, oval foliage, contrasting well with the prominent racemes of white, fragrant flowers. One of our best hardy hedge plants. Sizes offered: 18 in. to 3 ft.

**L. ovalifolium** (California Privet). M. Very broad oval-shaped leaves which remain on well into the Winter. One of the most universal of hedge plants and one of the best growing, doing especially well at the seashore. Price: 18 to 24 in. 20c each, \$1.50 for ten, \$10.00 for 100; 2 to 3 ft. 25c each, \$2.00 for ten, \$12.00 for 100; 3 to 4 ft. 30c each, \$2.50 for ten, \$15.00 for 100, 4 to 5 ft. 50c each, \$4.00 for ten.

**L. var. Regelianum** (Regel's Privet). A form with spreading, often horizontal branches, smaller and much more dense in habit. Valuable for informal hedges or as single specimens.

The use of Privet, sheared into formal specimens and used as garden "accents," is a coming thing

Price 2 to  
2½ ft. 60c  
each; \$5.00  
for ten.



Myrica—Bayberry

Prices except as noted: 75 cents each; for 5 or more of one variety 65 cents each.



Philadelphus Albâtre

**LONICERA—BUSH HONEYSUCKLE**

These grow to medium height, and do well in dry shady spots where many other flowering shrubs will not thrive. The blossoms are similar to those of the well-known climbing form, and are followed by red berries.

- L. fragrantissima**. M. April. A beautiful variety; strong growth; fragrant pink flowers in early Spring.
- L. Maackii**. M. Upright shrub to 15 feet. Leaves dark green above, paler underneath. Fragrant white flowers. Fruit dark red.
- L. Morrowi**. M. July. One of the finest berry-bearing varieties, the fruit being a rich crimson and remaining a long time. Vigorous habit; yellow flowers.
- L. Ruprechtiana** (Manchurian Honeysuckle). M. A large shrub 8 to 12 feet tall, with broad lanceolate, dark green leaves. Flowers pure white, changing to yellow. Berries red or yellow.
- L. tatarica** (Tartarian Honeysuckle). M. June. Bears a profusion of pink flowers.
- L. var. alba**. Pure white, fragrant flowers.
- L. var. rubra**. Red flowers in great profusion.

**MYRICA—BAYBERRY**

**M. Carolinensis** (Candleberry). M. May. A sub-evergreen, low spreading, native shrub, found in sandy places. It covers itself with crowded masses of small white berries in Autumn. There is nothing to equal it for covering sandy or gravelly banks.

**PHILADELPHUS—SYRINGA or MOCK ORANGE**

These old fashioned shrubs cannot be surpassed for wealth and fragrance of bloom. Varieties may be selected which will grow tall, or which will not exceed a height of 4 to 5 feet. The Golden Syringa is the brightest and best known of our yellow leaved shrubs.

**P. coronarius** (Mock Orange). L. June. Pure white flowers in dense clusters; very fragrant.

**P. var. foliis aureis** (Golden Syringa). M. July. Of medium dense growth, with golden yellow foliage. A fine shrub for contrast with dark foliage.

**P. grandiflorus** (Large-flowered Syringa). L. June. Large creamy white flowers, not fragrant. Strong growing

**HYBRID PHILADELPHUS**

**P. Albâtre**. One of the finest varieties. Extra large flowers.

**P. Lemoinei**. M. This is a choice and graceful variety; produces fragrant, pure white flowers in clusters in June.

**P. var. Avalanche**. D. This is a graceful shrub with slender, arching branches, covered almost the whole length with showy white flowers. Especially valuable.

**P. virginia**. M. See specialties page 4.



Rosa Rugosa

**PHYSOCARPUS—NINEBARK**

**P. opulifolius.** L. June. A strong-growing shrub, with white flowers in flat clusters followed by red fruit, suitable for background in shrub borders.

**P. opulifolius var. aurea** (Golden Nine Bark). L. One of the best of our golden leaved shrubs. Growth and habit same as preceding variety.

**P. opulifolius var. Intermedius.** L. Strong growing shrub, similar to the type having smaller foliage, making a very compact growing plant.

**PRUNUS—Flowering Plum**

**P. maritima** (Beach Plum). S. April. Grows wild on Cape Cod in sand. Splendid for seashore planting. Fine oval foliage. Very pretty white flowers followed by bright crimson fruit.

**P. glandulosa trichostyla sinensis** (Double White Flowering Almond). S. May. The very double rose-like white flowers fill the branches until they bend beneath the weight of bloom. Price each: \$1.00.

**P. glandulosa glabra albiplena.** (Double Pink Almond). Similar to preceding, the flowers being rose-colored. Price each: \$1.00.

**P. triloba fl. pl.** (Double-flowering Plum). M. May. A Chinese shrub, whose Spring beauty is difficult to equal. The large, double pink flowers resemble Roses and are crowded along the slender branches, covering them completely. Price each: \$1.00.

**RHODOTYPOS—White Kerria**

**R. kerrioides.** M. All Summer. An interesting, beautiful shrub from Japan. The Syringa-like flowers bloom through the season from May. Shiny black seeds in Autumn.

Prices except as noted: 75 cents each; for 5 or more of one variety 65 cents each.

**RHUS—Sumach**

**R. Canadensis (aromatica)** (Fragrant Sumach). M. May. A low-growing bush with handsome, thick, fragrant foliage, which colors to scarlet in Autumn. Yellow flowers.

**R. Cotinus** (Purple Fringe or Smoke Bush). L. The large masses of misty, purplish flowers, which this bears in June, give it the name of Smoke Bush. The leaves change to varying colors in autumn. Price each: \$1.25.

**R. glabra** (Smooth Sumach). L. June. Excellent foliage, topped in Autumn with prominent crimson heads of seed. Fine Autumn coloring. Good on rocky or poor soil.

**R. typhina** (Stag-brown Sumach). L. Grows generally in bush form to 10 feet in height; the foliage is compound, light green and of large size, and in Autumn is brilliantly colored.

**R. var. laciniata** (Cut-leaved Sumach). M. A most ornamental variety, with finely divided, fern-like leaves.

**ROSA—Rose**

**R. lucida.** Single pink flowers very profuse bloomer.

**R. rugosa** (Japanese Rose). Leaves wrinkled, dark green above, pale beneath. Flowers single, pink or red. Fruit large, bright red. Useful for seashore planting, for hedges, or shrub masses.

**R. var. alba** (White Jap. Rose). Same as above. White.

**R. setigera** (Prairie Rose). Long, slender, arching branches, single deep rose flowers in great profusion; bright red fruit.

**R. spinosissima** (Scotch Rose). Branches very thorny, covered with numerous single yellow flowers.

**RUBUS—Bramble**

**R. odoratus** (Flowering Raspberry). M. All Summer. A noble plant, with leaves 6 to 12 inches broad and pink-purple blossoms 2 inches across, in clusters. Very fragrant.

**SAMBUCUS—Elder**

**S. Canadensis** (Common Elder). L. June. Flat heads of flowers and reddish purple berries in Autumn.

**S. nigra var. aurea** (Golden Elder). A large, golden-leaved form. Requires the full sunlight in which case it becomes one of the best of yellow shrubs.

**SORBARIA**

**S. sorbifolia** (Ashleaved Spiraea). S. July. Handsome foliage resembling Mountain Ash. Panicles of white flowers.



Sorbaria—Ashleaved Spiraea

**SPIRÆA—Meadowsweet**

**S. arguta.** M. Closely allied to the well-known early flowering S. Thunbergii, which it resembles. It is, however, of more elegant habit than the latter, having larger flowers.

**S. Bumalda** (Bumald's Spiræa). S. Grows as a low, round bush, producing numerous flat heads of rosy hue from Mid-summer until Autumn.

**S. var. Anthony Waterer.** S. An improved form of the dwarf S. Bumalda. Very low growing and bearing flat heads of brilliant crimson blossoms all through the late part of the Summer.

**S. var. Froebeli.** S. Taller than S. Ant. Waterer. Flowers bright crimson, foliage turns red in Autumn.

**S. Japonica ovalifolia** (callosa alba). (White Japanese Spiræa). A dwarf white variety.

**S. opulifolia.** See *Physocarpus opulifolius*.

**S. prunifolia fl. pl.** (Bridal Wreath). M. May. Strong-growing, irregular form, small, roundish, shining leaves, of beautiful Autumn color; flowers double white, abundant in May.

**S. Reevesiana.** M. Similar to S. Van Houttei. Double white flowers, fine dark green foliage.

**S. TRICHOCARPA.** See specialties page 4.

**S. Thunbergii** (Thunberg's Spiræa). S. April and May. Low-growing, rounded form, delicate, drooping, yellowish green, foliage, changing to lovely tints in Autumn. Small, white flowers in abundance.

**S. Van Houttei** (Van Houtte's Spiræa). M. June. The finest and most satisfactory of all Spiræas, either singly or among other shrubs. It forms a round and graceful bush with arching branches, which are set with beautiful white blossoms.

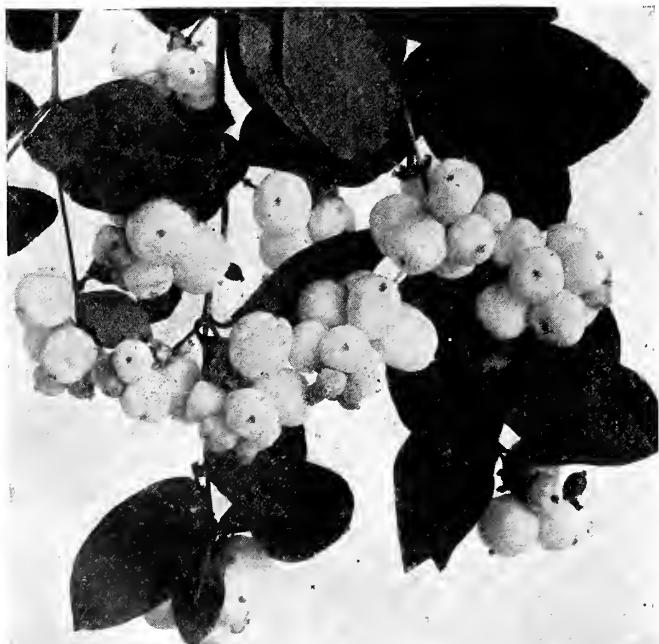
**STEPHANANDRA**

**S. flexuosa.** S. An attractive shrub of low, dense growth, with deeply cut foliage which turns to brilliant red in Autumn. Flowers creamy white.

**SYMPHORICARPOS—Snowberry**

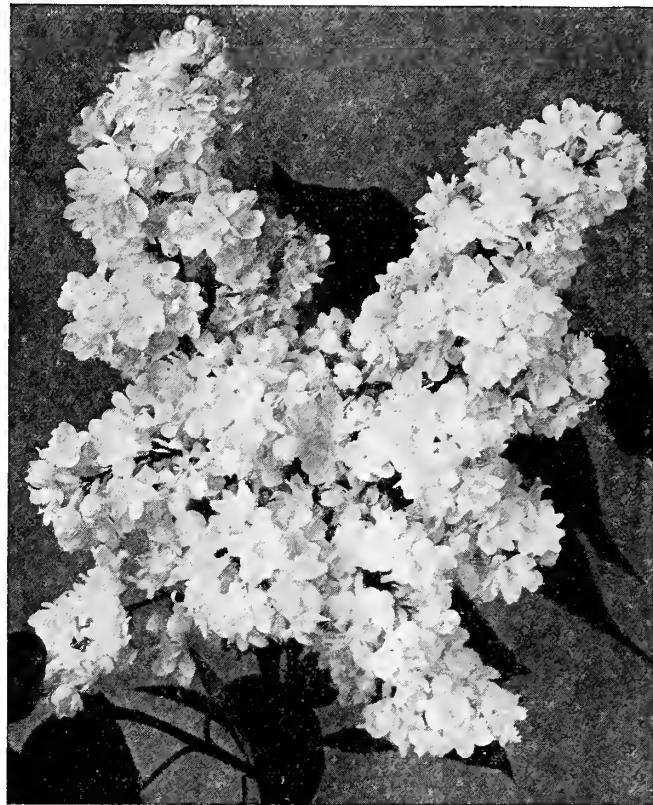
**S. chenaulti.** S. A handsome new hybrid of the well-known snowberry family. It grows four to five feet tall, with gracefully arching branches; flowers pink, rather inconspicuous; fruit red and white, spotted, in great profusion.

**S. racemosus** (Snowberry). S. July. Bushy form, pink



Symphoricarpos Racemosus

Prices except as noted: 75 cents each; for 5 or more of one variety 65 cents each.



Syringa—Lilac

flowers in Summer, white waxy berries in Autumn.

**S. vulgaris** (Indian Currant). S. Low-growing, spreading, graceful habit with clusters of red berries.

**SYRINGA—Lilac**

Price: except as noted: \$1.25 each, \$11.00 for ten.

**S. Josikæa.** L. May. Valued for its handsome, large, wrinkled leaves. Late-blooming quality. Flowers are bluish-purple.

**S. Persica** (Persian Lilac). L. May and June. Habit more open and branches more slender and drooping than other Lilacs. Flowers light purple.

**S. var. alba.** L. A pure white form of the above.

**S. villosa.** L. Color varies from light pink to almost blue. Valuable for late blooming. Out of bloom, the shrub forms a striking object with dark, glossy, massive leaves.

**S. vulgaris** (Common Lilac). L. May. Purple, fragrant flowers, large clusters. Price: \$1.00 each, \$9.00 for ten.

**S. var. alba.** (Common White Lilac). Each \$1.00, \$9.00 for ten.

**NAMED HYBRID LILACS**

Price: \$1.50 each, \$14.00 for ten.

**S. Congo.** Wine-red, very double, large trusses.

**S. Charles X.** Magnificent clusters of dark red flowers, producing in the greatest profusion.

**S. Ludwig Spaeth.** The clusters are very large and of splendid dark purple-red color, not only as buds, but even when the blossoms are fully expanded.

**S. Marie le Graye.** A dwarf grower, and one of the finest whites.

**S. Michael Buchner.** Very double, pale lilac.

**S. Mme. Casimir Perier.** Large trusses of very double creamy-white flowers.

**S. Mme. Lemoine.** A grand double white variety. Vigorous habit and immense foliage.

**S. President Grévy.** Petals of cobalt-blue, with the centres brilliant and the edges rosy. The buds are of a violet hue.

## VACCINIUM—Huckleberry

**V. corymbosum** (High-bush Blueberry). M. Should be in every garden. The clusters of white flowers are followed by delicious berries. In late October and early November the foliage turns a bright scarlet, not seen in any other plant. In planting Peat mull should be mixed with the soil, as it grows best in acid soil. Price: \$1.50 each, \$14.00 for ten.

## VIBURNUM—Arrow-Wood

These hardy native shrubs supply us with some of our best planting material. They will grow in partial shade, and will stand exposure to cold winds. The best known are perhaps the Japanese Snowball (*V. plicatum*) and the High Bush Cranberry (*V. opulus*), the latter bearing heavy clusters of bright red berries, somewhat resembling those of the Mountain Ash.

**V. CARLESII.** See specialties page 4.

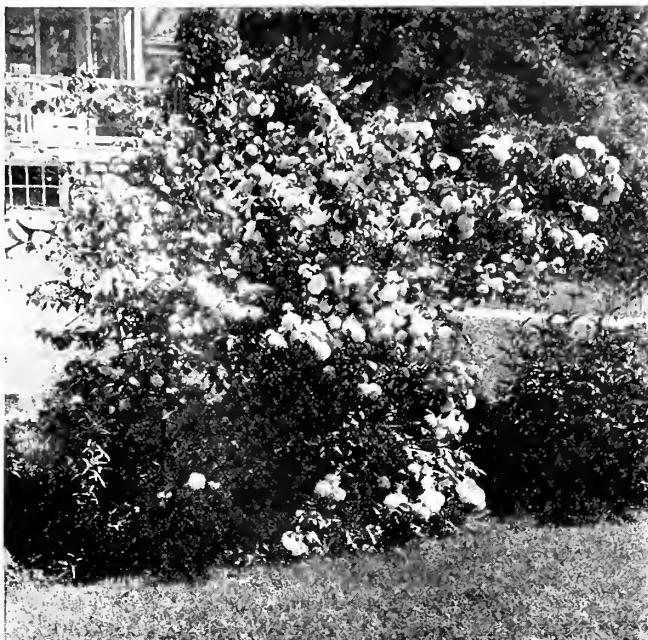
**V. dentatum** (Arrow-wood). M. June. Glossy, handsome leaves, white flowers, and fine steel-blue berries in the Autumn.

**V. lantana** (Wayfaring Tree). M. May and June. Good size, bushy, large foliage, noteworthy for its silvery underlining; ornamental red, then black, fruit in Autumn.

**V. lentago** (Sheepberry). M. Flowers creamy white, very fragrant; foliage a light, glossy green.

**V. opulus** (High-bush Cranberry). L. June. One of the best for general planting. The leaves are broad and elegant, and the Autumn-borne, bright scarlet berries catch the eye late into Winter.

**V. var. sterile** (Common Snowball). L. Filled with large pendant balls of snow-white flowers in May.



Viburnum Plicatum

**V. tomentosum** (Single-flowered Japanese Snowball). A vigorous shrub with spreading branches, a native of Japan. Leaves dark green with bronzy margins, broadly ovate. Flowers white, produced in flat-topped clusters, with the marginal ones sterile and radiant. Berries red, changing to bluish black. Price: 90c each, \$8.00 for ten.

**V. var. plicatum** (Japanese Snowball). A handsome shrub with showy flowers and beautiful foliage. The large globose flower-clusters are 3 to 4 inches across, and consist of sterile radiant white flowers. Price: 90c each, \$8.00 for ten.

**V. Sieboldi.** M. Leaves large, dark green and shining above, starry pubescent beneath. Flowers white, disposed in broad pyramidal clusters 3 to 4 inches across. Berries pink, changing to bluish black.

## WEIGELA

Free blooming old-fashioned shrubs without which no shrub planting is complete. Their color ranges from white to very dark red, with a variegated-leaved variety, which is one of the best of that type.

**W. candida** (White Weigela). M. Vigorous and fine in habit; the long tubular, white flowers are produced from June all through the Summer.

**W. floribunda.** (Crimson Weigela). M. June. Deep crimson flowers, freely produced.

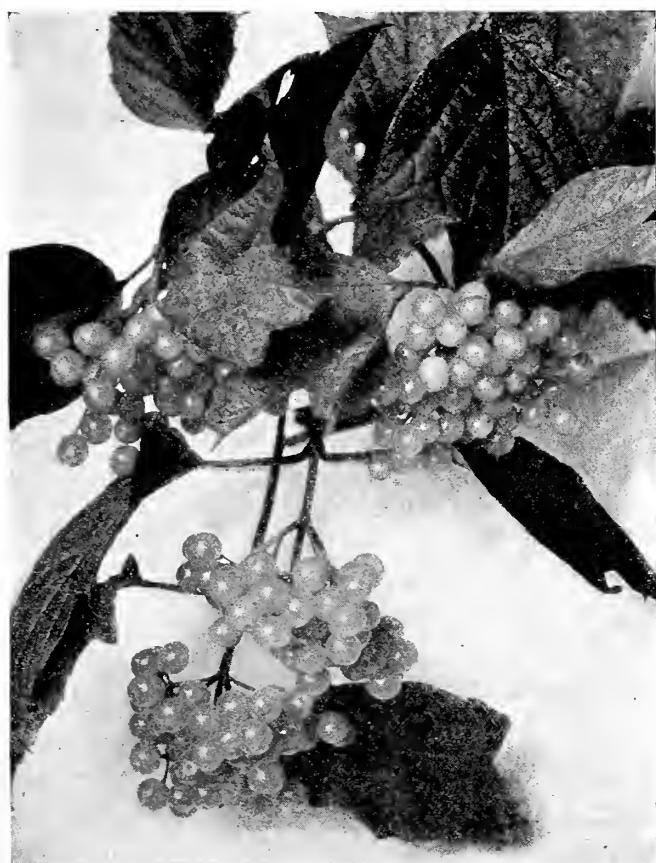
**W. rosea.** (Pink Weigela). M. June. A reliable and fine variety. Rose-colored flowers.

**W. var. nana variegata** (Variegated Dwarf Weigela). S. Of dwarf habit, and possessing clearly defined, silver, variegated leaves; flowers nearly white.

**W. Eva Rathke.** One of the best of the Weigelas, the plant having a vigorous habit and bearing freely well-shaped, large, crimson-red flowers.

## ZANTHORHIZA

**Z. apiifolia** (Yellow-root, or Brookfeather). An attractive shrub, usually 1 to 2 feet tall, with bright yellow wood and roots. Leaves compound, consisting of about five deeply incised or lobed, bright lustrous green leaflets. Flowers brownish purple, in drooping compound racemes in early Spring. Price: 60c each, \$5.00 for ten.



Viburnum Opulus

Prices except as noted: 75 cents each; for 5 or more of one variety 65 cents each.

# VINES AND CLIMBERS

Hardy Vines and Climbers can be used in a great many ways to beautify a home, covering banks where it is hard to grow grass or to grow over a pergola or veranda where the large leaved varieties are planted to give shade. Some of the Vines are well suited for the shady corners, such as the Hall's Japan Honeysuckle while others are planted for their beautiful flowers such as the Hybrid, large flowering Clematis, and the Wisteria.

Most of the Vines and Climbers require some sort of support, others such as the Ampelopsis, Climbing Hydrangeas, etc., cling to stone or brick walls, beautifying unsightly spots. Vines should be planted in a deep rich soil, and after planting should be thoroughly watered. An occasional top dressing of some good fertilizer such as Sheep Manure or Bone Fertilizer will help them to make a strong, healthy growth. Hardy Climbing Roses, of great value as subjects for screening verandas, etc., will be found on page 135.

## ACTINIDIA

**A. arguta.** A strong-growing climber from Japan. Foliage glossy green, and flowers white, with a purple centre. The fruit is edible. Price: \$1.00 each, \$9.00 for ten.

## AKEBIA

**A. quinata.** May. One of the best Japanese vines, with beautiful, clover-like leaves and plum-colored flowers. A splendid vine. Hardy. Price: 75c each, \$6.50 for 10; pot-grown plants \$1.00 each.

## AMPELOPSIS—Woodbine

**A. heterophylla** (Porcelain Ampelopsis). Foliage glossy green, deeply cut, sometimes striped with white; fruit in clusters, changing from pale lilac to deep blue. A beautiful hardy vine for low trellis or stone wall. Price: 75c each, \$6.50 for ten.



Clematis Jackmanii

**A. quinquefolia** (Common Woodbine or Virginia Creeper). A native vine, most vigorous in growth. Intense crimson leaves in Autumn. Excellent for wall covering. Price: 50c each, \$4.00 for ten, \$30.00 for 100.

**A. var. Engelmanni.** A variety of the above, with stronger tendril discs, that cling like an ivy to any surface. Price: 50c each, \$4.00 for ten, \$30.00 for 100.

**A. tricuspidata** (Japan or Boston Ivy). Used generally, notably in Boston, to cover walls, its fine shoots extending to the roofs of tall buildings. In the Autumn the leaves assume the most gorgeous and varied tints. Price: 3 year plants, 75c each, \$6.50 for ten, \$60.00 for 100; pot grown plants, \$1.00 each, \$9.00 for ten.

## ARISTOLOCHIA—Pipe Vine

**A. siphon** (Dutchman's Pipe). A vine with immense heart-shaped leaves, very dense, and when established, of most rapid growth. Its brown flowers are shaped like a pipe. Price each: \$1.50.

## BIGNONIA—Trumpet Vine

**B. radicans.** The scarlet Trumpet Flower. Long and handsome dark green foliage and quite showy clusters of orange and scarlet flowers during the Summer. We have not found any other varieties reliably hardy in New England. Price: 50c each, \$4.00 for ten.

## CELASTRUS—Bittersweet

**C. orbiculatus** (Oriental Bittersweet). A tall and vigorous climber, with bright green leaves and crimson fruit, very handsome in the Autumn and Winter. Price: 50c each, \$4.00 for ten.

**C. scandens** (Roxbury Waxwork). This beautiful old shrubby climber is brilliant through Autumn and Winter, filled with its clusters of orange and crimson capsuled fruit. The leaves are glossy and fine. Good in any situation. Price: 50c each, \$4.00 for ten.

## CLEMATIS

**C. coccinea** (Scarlet Clematis). All Summer. A strong climber; light green foliage and bell-shaped, scarlet flowers, produced in great profusion. Price: 75c each, \$6.50 for ten.

**C. crispa** (Crisped Leather Flower). July to September. Flowers singly on long stalks, abundant, 1½ inches long, lilac-purple, and delightfully fragrant. Price: 75c each, \$6.50 for ten.

**C. paniculata.** The familiar White Clematis, its masses of small, fragrant flowers smothering the vine in early September. The tufts of woolly seeds which follow are equally ornamental. Grows rapidly when once established. Suitable for covering trellises, fences, walls, etc. Price: 3 year plants, 60c each, \$5.00 for 10, \$36.00 for 100; pot grown plants, 75c each, \$6.50 for ten.

**C. virginiana** (Virgin's Bower). August. A strong climber with dark green foliage and very pretty white flowers; the bunches of seeds have long, wooly tufts, making them very ornamental for Winter decoration. Price: 3 year plants, 50c each, \$4.00 for ten.

**HYBRID LARGE-FLOWERED CLEMATIS**

Price each: \$1.50.

*Henryi*. One of the best whites. Large, creamy white.  
*Jackmani*. A general favorite. Violet-purple and free-flowering.  
*Mme. Edouard André*. Red. *Ramona*. Light blue.

**HEDERA—Ivy**

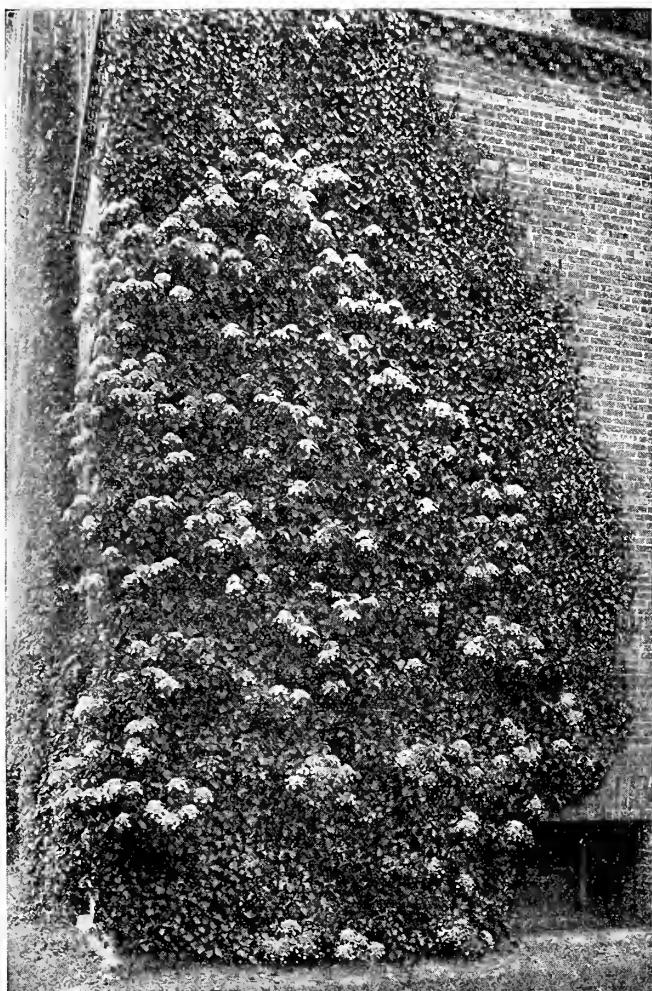
*H. helix*. The well-known English Ivy; its broad, glossy, dark leaves retain their beauty all Winter if planted on the eastern and northern sides of buildings, away from the sun. It is hardy in New England. Price: 4 in. pots, 75c each, \$6.50 for ten. Larger plants \$1.00 to \$3.00 each.

**HYDRANGEA**

*H. petiolaris* (Climbing Hydrangea). This splendid hardy climbing plant should be better known. Once established it will climb rapidly, clinging to the wall like Ivy. Foliage is bright green, with an abundance of flat white flowers early in the Summer. Price from 3 inch pots: 75c each, \$6.50 for ten.

**LONICERA—Honeysuckle**

*L. var. Halliana* (Hall's Evergreen Honeysuckle). All Summer. More generally used than any other variety. Deep green foliage, which is almost evergreen through the Winter, the fragrant yellow and white flowers blossoming from mid-summer until frost. Price: 3 year plants, 50c each; \$4.00 for ten, \$30.00 for 100.



Climbing Hydrangea



Wistaria

*L. sempervirens* (Scarlet Trumpet Honeysuckle). This bears during the Summer clusters of scarlet, tubular flowers. Handsome foliage and fruit. Price: 3 year plants, 50c each, \$4.00 for ten, \$30.00 for 100.

**LYCIUM—Matrimony Vine**

*L. barbarum* (Barbary Box Thorn). This is generally regarded as a climber, as its long, vigorous shoots push upward 8 to 10 feet, and then recurve gracefully to the ground, strung along their entire length late in the Summer with transparent brilliant crimson berries. Good in poor soil. Price: 3 year plants, 50c each, \$4.00 for ten.

**POLYGONUM**

*P. Auberti* (Chinese Fleece Vine). Strong grower, covered with a sheet of snowy white flowers. Particularly fine when allowed to ramble over trees. Price: 90c each, \$8.00 for ten.

**PUERARIA—Kudzu Vine**

*P. Thunbergiana*. An extremely fast growing vine, with immense leaves bearing small racemes of pea-shaped rose purple flowers in August. Price 50c each; \$4.00 for ten.

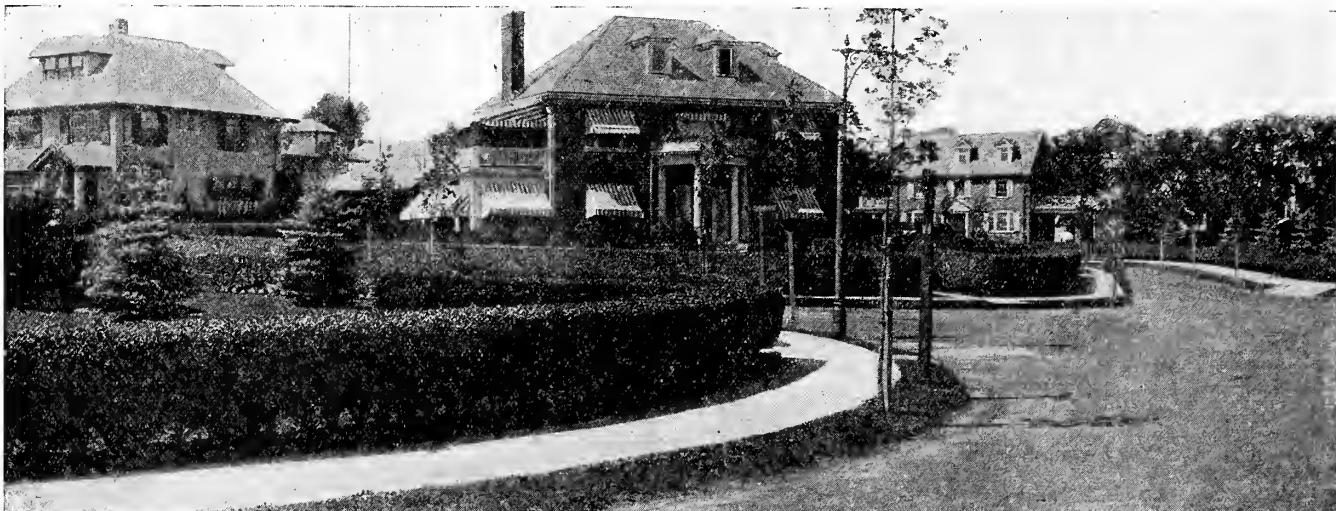
**WISTARIA**

*W. Chinensis* (Chinese Wistaria). May and August. The most popular variety. Flowers in pale blue pendulous clusters. Price: \$1.50 each, \$14.00 for ten.

*W. var. alba*. White-flowered variety of the above. Price: \$1.50 each.

**A LITTLE BOOK OF CLIMBING PLANTS**

To all who grow Vines and Climbers we most strongly recommend this book. Cloth covered. Illustrated. \$1.90 post paid.



## HEDGES AND SCREENS

Shrubs or low-growing trees may often be made to take the place of a wood or metal fence to mark a boundary or to discourage trespassing, and usually at less expense.

A wide range of choice in hedging materials is possible, and selections should be made with a view to the ultimate height and density desired. For low hedges, which are to be closely sheared, Barberry and Privet are the usual choice, spacing the plants one foot apart. For taller hedges and screens, Willows, Lilacs, and Evergreens of various sorts are frequently used, spacing them three to four feet apart. Many of the Flowering Shrubs also form most attractive hedges and borders. For a screen of extreme height and rapid growth, Lombardy Poplars are of course to be recommended.

Not less than 25 of one variety at the 100 rate.

### PRIVET

*Ligustrum Amurense* (Amur River Privet). A very hardy variety, similar in appearance to the well-known California Privet. Highly recommended.

18 to 24 in. 30c each, \$2.50 for ten; \$15.00 for 100.  
2 to 3 ft. 40c each, \$3.00 for ten; \$18.00 for 100.  
3 to 4 ft. 50c each, \$4.00 for ten; \$24.00 for 100.

*L. Iboleum*. New variety. Glossy foliage and very hardy. Deserves a place in every garden.

2 to 3 ft. 40c each, \$3.00 for ten; \$18.00 for 100.  
3 to 4 ft. 50c each, \$4.00 for ten; \$24.00 for 100.

*L. Ibota* (Japanese Privet). An especially hardy, spreading sort. Its black berries remain through the Winter. Very attractive to birds.

18 to 24 in. 30c each, \$2.50 for ten; \$15.00 for 100.  
2 to 3 ft. 40c each, \$3.00 for ten; \$18.00 for 100.  
3 to 4 ft. 50c each, \$4.00 for ten; \$24.00 for 100.

*L. ovalifolium* (California Privet). Strong and bushy.

15 to 18 in. 15c each, \$1.00 for ten; \$8.00 for 100.  
18 to 24 in. 20c each, \$1.50 for ten; \$10.00 for 100.  
2 to 3 ft. 25c each, \$2.00 for ten; \$12.00 for 100.  
3 to 4 ft. 30c each, \$2.50 for ten; \$15.00 for 100.

### BARBERRY

*Berberis Thunbergi* (Japanese Barberry). Very hardy.

12 to 15 in. 20c each, \$1.50 for ten; \$10.00 for 100.  
15 to 18 in. 25c each, \$2.00 for ten; \$12.00 for 100.  
18 to 24 in. 35c each, \$3.00 for ten; \$18.00 for 100.  
24 to 30 in. 50c each, \$4.00 for ten; \$30.00 for 100.

### WILLOW

*Salix pentandra* (Laurel-leaved Willow). A very rapid growing shrub excellent for coarse hedging or screening.

3 to 4 ft. 60c each, \$5.00 for ten; \$40.00 for 100.  
4 to 5 ft. 75c each, \$6.50 for ten; \$60.00 for 100.

### Plant HEMLOCK for HEDGES and WIND-BREAKS

The value of our native Hemlock for Hedges, Screens and Wind-Breaks is too often overlooked. It is a clean, hardy Evergreen of quick growth, and will stand almost any amount of pruning. Young plants set one foot apart and kept trimmed will form a compact evergreen hedge. Just the thing for enclosing the clothes-yard, or for a division line between suburban estates. It makes a splendid back-ground for the perennial border. As a wind-break or screen it has no equal.

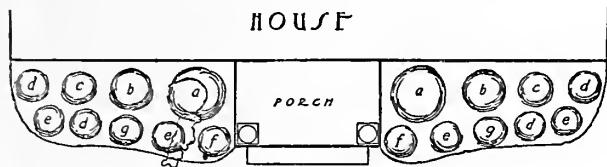
SPECIAL PRICES for ten: 24 to 30 inches \$36.00; 30 to 36 inches \$45.00; 3 to 3½ feet \$55.00.

# BRECK'S EVERGREEN COLLECTIONS

These assortments of hardy evergreens will be found a convenient means of treating the front of the average house, when immediate effect is desired at moderate cost. The varieties selected are of slow growth, so that the planting does not outgrow its

space for some time; too often, low-priced collections of evergreens include what are really forest trees, suitable for planting only in open spaces where they have room to develop. Working plans are supplied with all collections of evergreens.

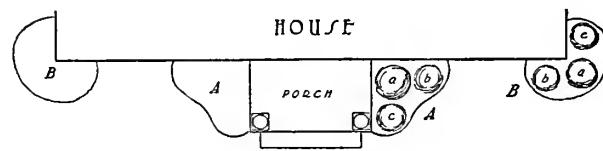
## Complete Evergreen Foundation Planting



- a—2 *Tsuga Canadensis*, 3 to 3½ feet, \$12.00
- b—2 *Thuja occidentalis*, 3 feet, \$8.00
- c—2 *Juniperus Hibernica*, 2 to 3 feet, \$7.00
- d—4 *Thuja globosa*, 12 to 15 inches, \$10.00
- e—4 *Thuja Hoveyii*, 12 to 15 inches, \$8.00
- f—2 *Pinus mughus*, 12 to 15 inches, \$6.00
- g—2 *Juniperus Pfitzeriana*, 12 to 15 inches, \$5.00

Total value, \$56.00. Special price for entire group of eighteen, \$50.00

## Small Corner Groups for Front of House



- a—1 *Thuja occidentalis*, 2 feet, \$3.00
- b—1 *Chamæcyparis plumosa*, 15 to 18 inches, \$2.50
- c—1 *Thuja Hoveyii*, 15 to 18 inches, \$2.50

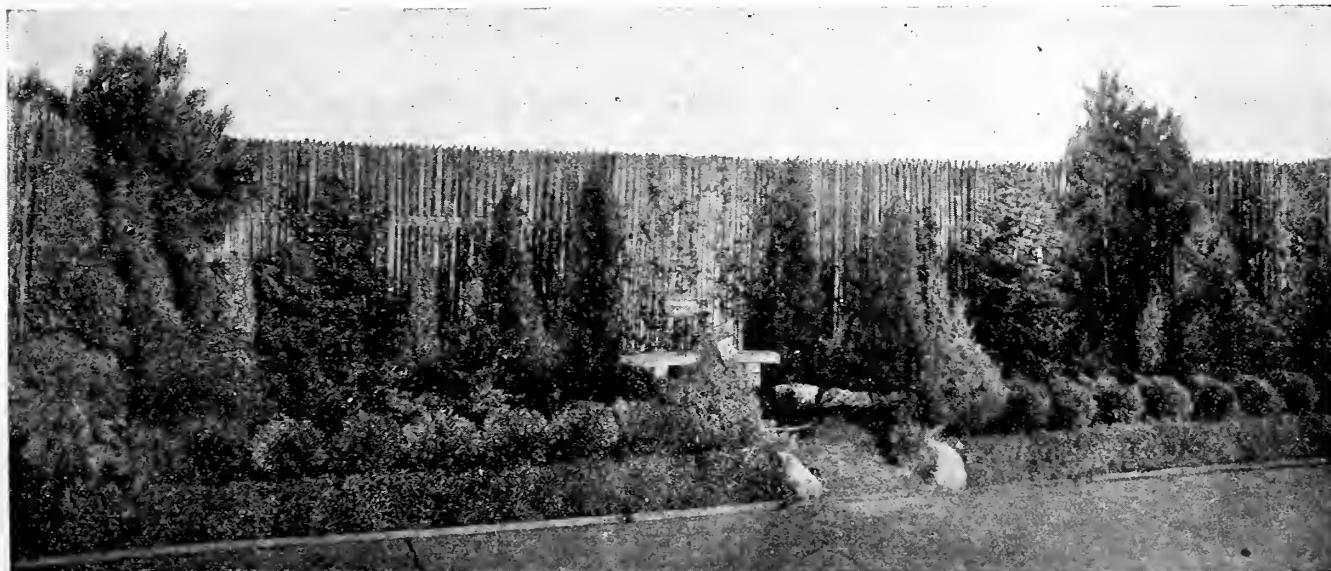
Total value, \$8.00; Special offer for group, \$7.00; four groups for \$25.00

For description of all of the Evergreens included in these collections see pages 103-107 inclusive.

## BRECK'S GOLD MEDAL COLLECTION OF EVERGREENS

Exhibited at the Grand Autumn Exhibition of the Massachusetts Horticultural Society, Horticultural Hall, Boston, Mass., Nov. 2-3-4, 1928.

The award of the Society's Gold Medal was made on the basis of the wide number of varieties, the quality, and the excellent arrangement of the material displayed. Our Landscape Department specializes in the selection and arrangement of Evergreens for foundation and background planting.



# BRECK'S SHRUB COLLECTIONS

A Shrub Planting is most effective when arranged according to height, color, and season of bloom. Our Collections are intended to supply varieties suitable for the purposes designated, and are accompanied by working plans showing the arrangement recommended for securing best results.

## Breck's New Shrubs for 1929

In order to acquaint our customers with some of the recently introduced hardy shrubs we offer the following Collection. All are free-flowering and are sure to become popular when available for general distribution.

*Kolkwitzia amabilis*

*Viburnum Carlesii*

*Spiraea trichocarpa*

*Philadelphus albatre*

*Philadelphus virginal*

Price: Special Offer of five new shrubs, \$7.50

All prices are f. o. b. Lexington

### SHRUB COLLECTION A CORNER GROUP

This assortment is intended for planting around or within the corner of a building, and consists of eleven hardy flowering shrubs as follows: 1 Forsythia Fortunei; 2 Hydrangea pan. grand.; 2 Spiraea Van Houttei; 3 Deutzia gracilis; 3 Spiraea Anthony Waterer. A planting plan showing arrangement is supplied. Price, eleven shrubs as above, f. o. b. Lexington, \$6.00.

### SHRUB COLLECTION B ENTRANCE GROUP

For planting on both sides of the house entrance the sixteen shrubs in this list give a variety of foliage and color. Tall varieties are provided for the back, with smaller growing kinds for bordering. List: 2 Forsythia Fortunei; 2 Cornus alba Siberia; 2 Spiraea Van Houttei; 6 Berberis Thunbergii; 4 Spiraea Anthony Waterer. Price, sixteen shrubs as above with planting plan showing arrangement, f. o. b. Lexington, \$8.00.

### SHRUB COLLECTION C BORDER PLANTING

For planting as a shrubbery border along a fence or building either or both of the above collections are well adapted. Collection A will make a border 12 to 16 feet long and 4 to 5 feet wide. Collections A and B together (using two lots of A) will provide a complete foundation planting for the front of a large house. Planting plans are supplied showing various combinations.

### SHRUB COLLECTION D "SHADY SPOT"

For the shady side of a building, or under trees in situations where roots from the latter do not cause extreme dryness, the following twelve shrubs are recommended; 1 Ligustrum Iбота; 2 Lonicera tatarica; 2 Aralia pentaphylla; 3 Stephanandra flexuosa; 4 Berberis Thunbergii. These are chiefly foliage shrubs, suitable for the conditions specified.

Price, above twelve shrubs with planting plan, f. o. b. Lexington, \$6.00.

## Collection of Berry-bearing Shrubs

Shrubs bearing bright berries for attracting wild birds and for decorative use indoors are always a pleasing feature of the home grounds. This list offers a good assortment of color and type.

*Cornus alba Siberica*—Red-barked Dogwood—Bluish-white berries

*Ilex verticillata*—Black Alder—Bright red berries.

*Ligustrum Iбота*—Japanese Privet—Blue-black berries

*Lonicera Morrowi*—Morrow's Honeysuckle—Bright red berries

*Rosa Rugosa*—Japanese Rose—Large bright red berries

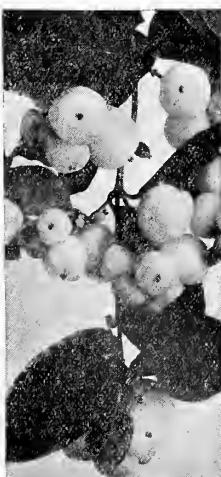
*Sambucus aurea*—Golden Elder—Reddish-black berries

*Symphoricarpos racemosus*—Snowberry—Waxy white berries

*Symphoricarpos vulgaris*—Coral Berry—Bright red berries

*Viburnum opulus*—High-bush Cranberry—Scarlet berries

Price: Collection of nine berry-bearing shrubs, \$6.00





## ROSES OUT-OF-DOORS

Rose growing is becoming more and more popular with flower lovers, especially since the introduction of so many new varieties suitable for out-of-door culture. The best of the new, together with many of the old favorites, are included in the following list. Prices except as otherwise noted:

Dormant plants: \$1.00 each; \$9.00 for ten, \$75.00 for 100.

Potted Plants: \$1.25 each; \$11.00 for ten; \$90.00 for 100. After May 1st, we supply all varieties well established in pots.

We prefer not to ship dormant Roses after May 1st. Not less than 5 plants of one variety at the ten rate; 25 plants of one variety at the 100 rate.

Abbreviations: AB, Austrian Briar; HP, Hybrid Perpetual; HT, Hybrid Tea; P, Pernet.

**Planting:** Roses are generally planted in the early Spring although excellent results follow planting in October and November. If one has not had the opportunity to get ready in the early Spring, pot-grown Roses can be used all during the Summer months. Roses are heavy feeders and the beds should be well prepared using well rotted manure. Set the plants 18 in. to 2 ft. apart, and bury the collar or bud about one inch below the surface of the ground, (see illustration below). Spread the roots and work the soil in amongst them, finally treading firmly. Water thoroughly after planting. A Summer mulch of Imported Peat Moss is highly recommended.

**Pruning:** New plants should be cut back to within six inches of the ground (see illustration below). Old plants should be pruned in April, one-half to two-thirds of the previous season's growth.

**Protection:** (see illustration below). Hill the earth up around the plants to a depth of six or eight inches, and when this is frozen cover bed with strawy manure or leaves.

Use "Evergreen" as a spray for *Aphis* and *Fungotrogen* for "Blackspot." The use of *Terogen* as an Autumn-Winter ground dressing destroys the spores of most fungous diseases as well as the larvae of insects.

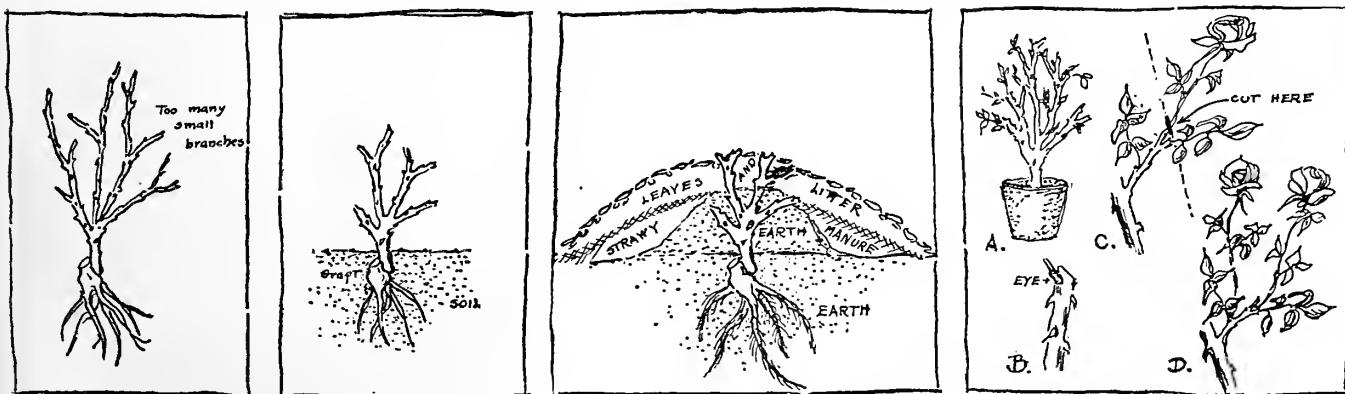
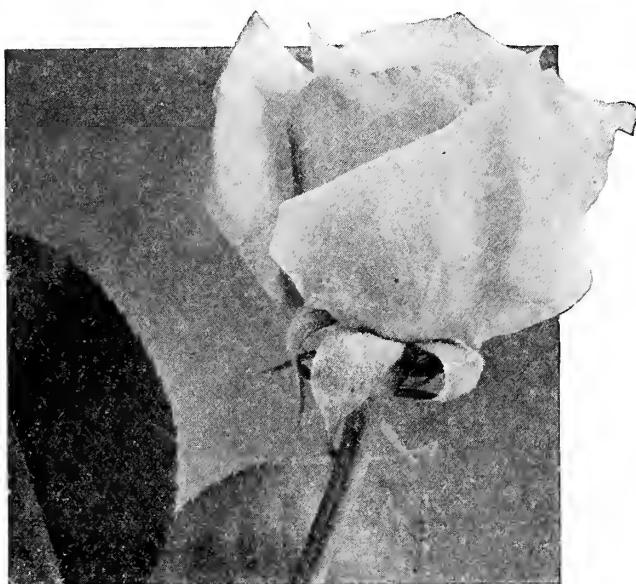


Fig. 1. A Rose Plant as received from the Nursery. Fig. 2. The same Rose properly pruned and planted in rich soil with bud one inch below surface. Fig. 3. A Rose properly covered for winter. Fig. 4. (A) A potted Rose plant as received from the Nursery after May 1. Remove from pot and plant with potted earth. No pruning necessary. (B) A Rose branch with clean cut at slight angle, not too far above eye, or too near eye. (C) When cutting a Rose allow two leaves to remain on branch. (D) A Rose that has been properly cut has two new flowers.

# Tea, Hybrid Tea, and Pernetiana Roses



Columbia

**America** (Hill's America). HT. (E. G. Hill Co. 1921). Flowers light pink of good form and substance; fragrant. Growth fairly strong; foliage dark green. Resembles Columbia with practically all the good points and faults of that variety.

**Angele Pernet**. HT. (Pernet-Ducher 1924). Finely shaped flowers of brownish orange, resembling the gladioli, Alice Tiplady, holding its color well. Semi-double, not very fragrant. Growth is fairly strong and constantly in bloom. Price each: \$1.50.

**Antoine Rivoire**. HT. (Pernet-Ducher 1895). Pale pink with a touch of yellow at the base; double at the centre; fragrant. Moderate growth, leaves small; free flowering during Spring and Autumn.

**Arthur R. Goodwin**. HT. (Pernet-Ducher 1909). Buds are coppery-orange, opening to very double orange-pink flowers; very fragrant. Free branching growth; profuse flowering; foliage dark, glossy green. Beautiful buds and flowers of a superb combination of color; "black-spots" easily and should be protected in cold climates.

**Betty Uprichard**. HT. (Dickson & Sons 1922). One of the finest of the newer roses. Buds are copper-red. The large semi-double flowers are brilliant carmine with light salmon reflexes. Quite fragrant, strong grower. Healthy and very free flowering.

**Betty**. HT. (A. Dickson & Sons 1905). Buds coppery-rose of beautiful shape. Flowers large, pale pink. Strong branching growth, glossy foliage; free flowering variety, very hardy. The beautiful buds have made it a very popular Rose. Seldom troubled by disease.

**Briarcliff**. HT. (Briarcliff greenhouses 1925). Sport of Columbia. Buds are large and pointed, flowers are deep rose-pink, lighter on outer petals, with golden yellow at base, on long stems. Strong growing variety, with clean foliage.

**British Queen**. HT. (S. McGredy & Son 1912). Buds pinkish, flowers white of fine form; fragrant. Habit of growth is low and branching. A beautiful Rose, but under unfavorable weather conditions the flower stem is weak.

**Capitaine Georges Dessirier**. HT. (Pernet-Ducher 1919). Buds large. Flowers are very double, dark crimson and very fragrant. Growth is bushy, foliage strong and shiny; free flowering. Resembles Château de Clos Vougeot, but is stronger in habit of growth.

**Château de Clos Vougeot**. HT. (Pernet-Ducher 1908). Flowers are of a deep, velvety scarlet, double and very fragrant. Foliage fairly good. Flowering qualities are good. One of the finest dark red Roses. It is very hardy, although the plants do not grow upright, but are more or less sprawling.

**Cheerful**. HT. (S. McGredy & Son 1915). Flowers resemble a semi-double Pæony. Color is shining pink with orange and yellow. Slightly fragrant. Growth is rather dwarf, flowering freely in the Spring and Autumn.

**Christine**. HT. (S. McGredy & Son 1918). Flowers bright yellow, medium sized. Plants are low and branching, very free flowering. One of the few yellow Roses which do not fade. Foliage is healthy.

**Columbia**. HT. (E. G. Hill Co. 1917). Flowers bright pink, fragrant, of beautiful shape. Free flowering, strong growth, and good foliage. This is originally a greenhouse rose but when conditions are right, it does very well in the garden. It should receive plenty of plant food and lots of water; not very free flowering during the Summer, but it produces fine flowers in the Autumn.

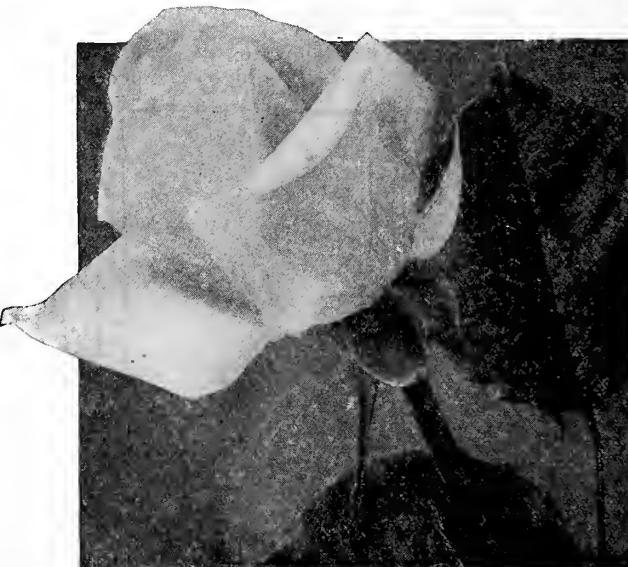
**Constance**. HT. (Pernet-Ducher 1915). Buds are orange streaked with crimson, globular flowers are pure yellow of good lasting quality. Growth is dwarf and this variety needs protection from Black Spot.

**Crusader**. HT. (Montgomery Co. 1920). Flowers crimson, borne singly on stiff stems; not fragrant; plants of moderate growth with good foliage. Fine for cutting because of its strong stems. In the Autumn the flowers are perfect and color does not fade as in midsummer.

**Dame Edith Helen**. HT. (A. Dickson & Sons 1926). Flowers are very large, and extremely double, opening like the well known Francis Scott Key. Its color is a pure, clear pink, which does not fade. The plants are very strong, and it flowers freely. Price each: \$1.50.

**Dorothy Page-Roberts**. HT. (A. Dickson & Sons 1907). Large flowers, coppery pink suffused apricot, of good substance, not very fragrant. Strong grower and fairly free flowering; not much troubled by the usual diseases. Flowers are rather thin and do not last well when cut, but owing to its strong growth and free flowering qualities, it is well recommended.

**Dr. Joseph Drew**. HT. (Page 1918). Flowers are salmon yellow, suffused with pink. They are large and fragrant. Growth is strong and free-flowering.



Edel

**Duchess of Wellington.** HT. (A. Dickson & Sons 1909). Large, tapering buds of golden orange, opening to semi-double large flowers; saffron-colored, very fragrant. Strong grower and very free flowering. This is one of the best of the yellow Roses, and should be in every garden. It should be well protected during the winter in colder sections of the country.

**Edel.** HT. (S. McGredy & Son 1919). One of the finest of the White Roses. Flowers are large, globular in form and of pure ivory white; not very fragrant. Strong growing plant; flowers are borne on strong stems; foliage good, but not entirely disease proof.

**Edith Part.** HT. (S. McGredy & Son 1913). Light red flowers, suffused salmon and yellow; double, and very fragrant. Plant vigorous and free flowering; a good rose to cut.

**Edward Mawley.** HT. (S. McGredy & Son 1911). Buds dark maroon, opening to dark red flowers which are fairly full and very fragrant and last well. Plant is fairly strong; flowers sparing during the Summer, but abundant and beautiful in the Autumn.

Ⓐ **Etoile de Feu.** HT. (Pernet-Ducher 1921). Buds long and pointed. Flowers are very double, orange-pink, fading to coral pink. Growth dwarf and bushy, healthy glossy foliage. Price each: \$1.50.

**Etoile de France.** HT. (Pernet-Ducher 1904). Flowers vivid crimson, with centres of bright cerise; fragrant. Plants are strong and free-flowering with stiff erect stems; foliage very good. A well-known and popular variety.

Ⓐ **Etoile de Hollande.** HT. (H. A. Verschuren & Sons 1919). The finest dark red Rose. Flowers are very large of a vivid crimson scarlet. Price each: \$2.00.

Ⓐ **Feu Joseph Looymans** HT. (P. J. Looymans & Co. 1922). Buds are long and pointed opening to large flowers of deep orange yellow with apricot shades. Growth is strong, with glossy green foliage. Price each: \$2.00.

**Florence Pemberton.** HT. (A. Dickson & Sons 1903). Clear light pink pointed flowers, double and fragrant. Free-flowering and fairly strong grower. This Rose resembles the Antoine Rivoire, but flowers are more pointed.

**Francis Scott Key.** HT. (J. Cook 1913). The large and very double flowers are light crimson. Growth is strong, very free flowering with good foliage. It sometimes fades during hot weather, but in the Spring and Autumn is a perfect rose.

**General MacArthur.** HT. (E. G. Hill Co. 1905). Buds and flowers of a crimson-scarlet and very fragrant. The growth is strong, with good clear foliage and it is very free flowering. One of the very best red Roses, although it has a tendency to lose its color in midsummer, but is beautiful in Spring and Autumn.

**General-Superior Arnold Janssen.** HT. (M. Leenders & Co. 1912). Flowers of a light crimson or carmine on long, stiff stems; very fragrant. The growth is strong and free flowering. One of the best Roses so far as growth and flower are concerned, but the color of the flowers is rather common.

**Golden Emblem.** HT. (S. McGredy & Son 1917). Buds and flowers of a beautiful yellow, borne on strong erect stems with clean glossy foliage; a beautifully shaped yellow Rose, which is at its best during the cool seasons.

**Golden Ophelia.** HT. (B. R. Cant & Sons 1918). Well-shaped flowers of golden yellow, shading lighter toward the edges; fragrant. Growth is robust and healthy; very free flowering. It is a yellow seedling of the well known Ophelia. The beautiful color is at its best in the Autumn.

**Gorgeous.** HT. (H. Dickson 1915). Light yellow flowers, very double, veined reddish-copper. Its growth is rather low and very thorny, with fair foliage. Flowers are at their best in the early Summer.

**Gruss an Teplitz.** HT. (Geschwindt 1897). The medium sized double flowers are brilliant velvety crimson, and very fragrant. Flowers are freely produced in clusters during the entire season. The growth is very strong, and therefore it should not be planted with other roses, but should be used alone, either in groups or as a single specimen.

**Hadley.** HT. (Montgomery Co. 1914). Flowers are velvety crimson; have a beautiful form and are very fragrant. Growth is not very strong, and flowers although rather small in Summer are very fine in the Autumn.



Killarney

**Hoosier Beauty.** HT. (F. Dorner & Sons Co. 1915). Beautiful dark red flowers; very fragrant. Plant is usually healthy, but not a strong grower and only moderately free flowering.

**Independence Day.** HT. (Bees Ltd. 1919). This is about the best of the brilliant colored varieties of the Mme. Edouard Herriot type. Its buds are of a brilliant yellow with copper shadings, which soon fade to an orange-pink. Flowers are rather thin, but it is so free-flowering that it is constantly covered with buds and flowers. Growth is strong and erect. Price each: \$1.50.

Ⓐ **Jonkheer J. L. Mock.** HT. (M. Leenders & Co. 1908). Very large carmine buds, developing slowly into large flowers of a deep carmine pink of the outside petals against the silver-rose of the inside of the flowers. Growth is very strong and healthy. A beautiful Rose; not very free flowering during the Summer.

**Juliet.** P. (W. Paul & Son 1909). The round golden buds open to cup-shaped flowers of old gold on the outer petals and a beautiful pink in the centre. Growth is strong, flowers freely only in the early Summer. Should be protected against "black-spot." It is a beautiful combination of colors, especially in the half-opened flowers.

**Kaiserin Auguste-Viktoria.** HT. (P. Lambert 1891). Buds creamy white, opening slowly to perfect snow-white flowers with tint of light yellow in the centre; fragrant. Growth strong, perfectly hardy, free flowering, especially in Autumn.

**Killarney Brilliant.** HT. (A. Dickson & Sons 1914). Bud and flowers of the Killarney type, but of a brilliant dark pink. Growth is strong and is free flowering. Should be protected against mildew.

**Killarney Double White.** HT. (J. A. Budlong & Son Co. 1912). This variety has the long buds of the Killarney type, but is pure white. Flowers are beautifully formed, and are somewhat more double than the original White Killarney. Growth is fairly strong and free flowering. Should be protected against mildew.

**Killarney Queen.** HT. (J. A. Budlong & Son Co. 1912). This is another of the Killarney type, a little more double than the original, and is very free flowering. This variety is hardly ever troubled with mildew, and its beautiful large pink flowers are rightly named the "Queen."



**Lady Alice Stanley**

**La France.** HT. (P. Guillot 1867). Flowers are a beautiful bright pink, lighter on reverse petals; very fragrant. Growth is strong, but should be protected against the usual diseases, such as mildew and "black-spot."

**Lady Alice Stanley.** HT. (S. McGredy & Son 1909). Very large, cup-shaped flowers, deep rose on outside, flesh-pink inside; beautiful double flowers; very fragrant. Growth is strong and free flowering; has large foliage which resists mildew, but should be protected against "black-spot."

**Lady Ashtown.** HT. (A. Dickson & Sons 1904). Double fragrant flowers of light salmon pink. Growth is strong, free flowering and hardy. It is one of the old standard varieties. Should be protected against mildew and "black-spot."

**Lady Hillingdon.** T. (Lowe & Shawyer 1910). Beautiful slender buds, opening to semi-double flowers of deep apricot-yellow; slightly fragrant. Growth is fairly strong with clean foliage. Flower stems rather weak in midsummer, but good in the Autumn: is free flowering, but needs thorough protection during the Winter.

•**Lady Margaret Stewart.** H.T. (A. Dickson & Sons 1926). Very large buds of golden orange shaded with copper. The large flowers open to a beautiful golden yellow. Foliage practically free from disease, and glossy. This rose in the class of the Rev. F. Page Roberts. Price each: \$2.00.

**Lady Pirrie.** HT. (H. Dickson 1910). A very hardy and popular Rose. The beautiful semi-double flowers are of a coppery pink changing to pale pink; slightly fragrant. Growth is very strong and very free flowering. Should be protected against mildew.

**Lady Ursula.** HT. (A. Dickson & Sons 1908). One of the hardest and best flowering Roses. Fine well-formed flowers are flesh pink; not very fragrant. Growth is extremely strong, with clean foliage and very free flowering.

•**Lord Charlemont.** HT. (S. McGredy & Son 1922). Pointed buds, opening to double flowers which are a vivid scarlet and very fragrant. Growth is bushy. Price each: \$1.50.

**Los Angeles.** HT. (Howard & Smith 1916). A beautiful Rose, with exquisite colorings. Flowers of salmon-pink, shading to golden orange; slightly fragrant. Growth is good and free flowering. Needs protection against "black-spot."

**Louise Catherine Breslau.** HT. (Pernet-Ducher 1912). Beautiful buds opening to globular flowers of deep apricot; of good form and substance; not very fragrant. Growth is dwarf and spreading with beautiful clean foliage; not very free flowering. Needs protection against "black-spot."

**Mabel Morse.** HT. (S. McGredy & Son 1922). A beautiful clear yellow rose. Buds are pure yellow, opening to well shaped fragrant flowers. Growth is bushy and spreading, foliage is strong and free from disease.

**Miss Cynthia Forde.** HT. (H. Dickson 1909). The beautifully shaped flowers are of a bright pink, and very double; very fragrant. Growth is strong and erect and healthy; free flowering, especially in the Autumn. Should be protected from the usual diseases.

**Miss Lolita Armour.** HT. (Howard & Smith 1919). A beautiful Rose. The double, cup-shaped flowers are of a copper shaded with orange, and fragrant. Growth is strong, foliage good. Needs protection against all of the diseases.

**Mme. Abel Chatenay.** HT. (Pernet-Ducher 1894). Beautiful flowers, light pink, shaded salmon. Growth fairly strong, foliage fair; mildews easily. One of the most popular Roses.

•**Mme. Alexander Dreux.** HT. (Soupert & Notting 1921). Buds and flowers are deep orange-yellow. Fairly strong growing plant, free flowering.

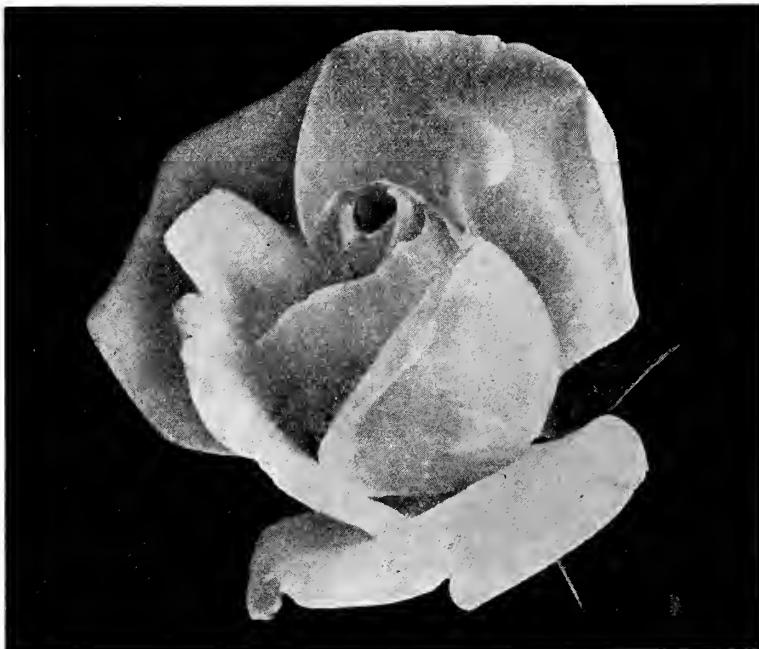
**Mme. Butterfly.** HT. (E. G. Hill Co. 1918). Flowers flesh pink shaded to rose at the centre; a beautiful shape and very fragrant. Growth is strong, with clean healthy foliage; free flowering especially in the Autumn. One of the finest.

**Mme. Caroline Testout.** HT. (Pernet-Ducher 1890). Large cup-shaped flowers of a satin-rose, becoming lighter toward the centre; fragrant. Growth is strong and very free flowering, but foliage requires usual protection against "black-spot."

**Mme. Edouard Herriot.** HT. (Pernet-Ducher 1913). Beautiful semi-double flowers of coral-red and orange. Growth is fairly strong and very free flowering. Needs protection against "black-spot."

**Mme. Jules Bouché.** HT. (Croibier & Son 1911). Flowers are pure white, slightly shaded blush in the centre; fragrant. Growth very strong and free flowering. A most dependable white variety of splendid quality.

**Mme. Ravary.** HT. (Pernet-Ducher 1899). Fine orange-yellow buds opening to semi-double, deep golden yellow flowers, quite fragrant. Growth is low and free flowering; foliage needs protection against "black-spot."



**Mme. Butterfly**

**Mrs. Aaron Ward.** HT. (Pernet-Ducher 1907). The double, finely shaped flowers are of an Indian-yellow, fading somewhat during the warm summer days to a light pink; fragrant. Growth is dwarf, foliage very clean; free flowering.

**Mrs. Ambrose Ricardo.** HT. (S. McGredy & Son 1914). Flowers are very large and full, pale pink and light yellow, quite fragrant. Growth is strong and free flowering but needs protection against Black Spot. Flowers keep well after being cut.

•**Mrs. A. R. Barracough.** HT. (S. McGredy & Son 1926). Large buds, opening to clear light pink flowers; light yellow at the base. Very fragrant. Growth is exceptional strong, and is free flowering. A very satisfactory rose, with splendid color. Price each: \$2.00.

**Mrs. Arthur Robert Waddell.** HT. (Pernet-Ducher 1908). The beautiful buds are deep apricot yellow, opening to semi-double flowers of orange-salmon. Delicate fragrance. Growth is branching and very free flowering.

•**Mrs. Beckwith.** HT. (Pernet-Ducher 1922). Buds are deep yellow opening to full sized flowers of light yellow. It is of the type of Souv. de Claudio Pernet. Growth upright. Foliage healthy. Price each: \$1.50.

**Mrs. Charles Bell.** HT. (Mrs. Charles Bell 1917). This rose is of the Radiance type. Buds are shell pink and the globular shaped flowers are pink shaded with salmon. Growth is very strong and bushy, with good foliage free from disease.

**Mrs. Wakefield Christie-Miller.** HT. (S. McGredy & Son 1909). Beautiful flowers, dark rose and light pink; sweet fragrance. Growth is strong. Foliage clean and healthy and free flowering. Flowers are borne on stiff erect stems.

**Ophelia.** HT. (W. Paul & Son 1912). Flowers are full and perfect of salmon-flesh shaded to orange-yellow toward the centre. Very fragrant. Growth is strong and very free flowering. Foliage is good, but should be protected against mildew and "black-spot."

**Padre.** HT. (B. R. Cant & Sons 1921). Flowers are semi-double of a beautiful copper-red; yellow at the base. Growth is strong and erect; foliage healthy and exceptionally free flowering. Price each: \$1.50.

•**Pink Beauty.** HT. (J. Cook 1919). Flowers are long and rather pointed. The color is a bright pink, and fragrant. This variety is of the Radiance type, and it is free flowering. Growth is strong with healthy foliage. Price each: \$1.50.

**Premier.** HT. (E. G. Hill Co. 1918). Beautiful dark pink flowers. Growth is vigorous; foliage very clean and healthy. The flowers which are borne on stiff stems are at their best in the Autumn.

•**Rapture.** HT. This is a sport of Ophelia and Mme. Butterfly. Its brilliant color is a combination of light apricot, coral, rose and gold. A beautiful rose with strong growth and clean foliage.



Souvenir de Claudio Pernet

•**Radiance.** HT. (J. Cook 1908). The globular shaped flowers are rose-pink, with lighter colors on the outside petals; very fragrant. Growth is extremely strong with clean foliage, little affected by the usual diseases, and very free flowering. It is one of the most reliable Roses and very easy to grow.

•**Red Radiance.** HT. (Gude Bros. 1916). Like the Radiance in habit. Its globular flowers are deep rose-red; also very free flowering. Growth very strong and foliage healthy.

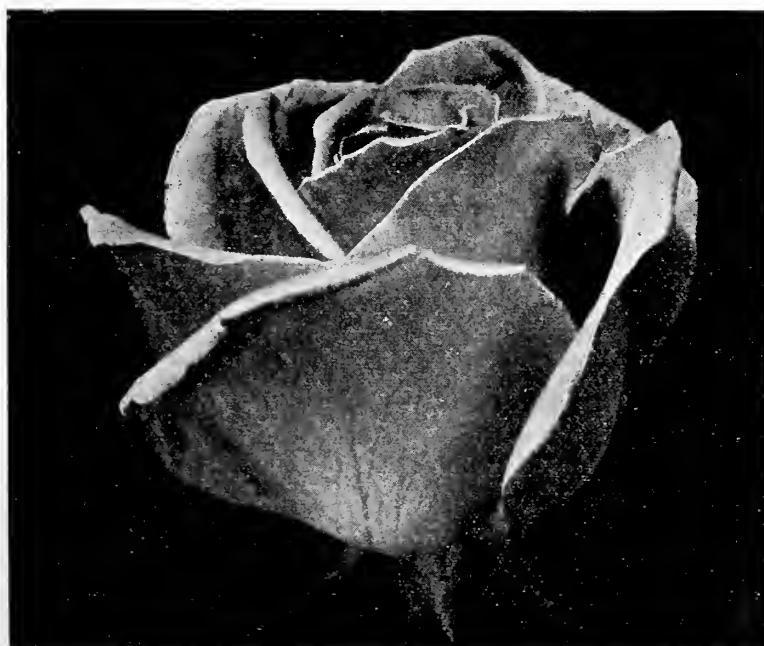
**Richmond.** HT. (E. G. Hill Co. 1905). Flowers are velvety crimson-scarlet, very fragrant. Growth is fairly strong and free flowering during the entire season. Foliage needs protection against mildew and "black-spot."

**Rose Marie.** HT. (F. Dorner & Sons Co. 1915). Large flowers are of bright rose-pink, free flowering and fragrant. Growth is strong. Foliage healthy. Not troubled by mildew.

**Rev. F. Page-Roberts.** HT. (B. R. Cant & Sons 1921). A glorious rose, resembling Duchess of Wellington, but flowers are fuller of better shape, and richer in color. It is especially beautiful in the Autumn when it develops into wonderful size and color. The long buds are copper-red opening to very large, fragrant flowers stained with red. Growth is strong, with healthy foliage. Price each: \$2.00.

**Soleil d'or.** P. (Pernet-Ducher 1900). Very double flowers, orange-yellow to reddish gold; fragrant. Growth is not strong; foliage very easily attacked by "black-spot." Blooms freely only in June.

•**Souvenir de Claudio Pernet.** HT. (Pernet-Ducher 1920). A greenhouse rose which is generally good for the garden. Flowers are sunflower-yellow with deeper centre. Growth is strong and erect, foliage glossy and clean. Free flowering early in the season and in the Autumn. A yellow rose which holds its color and does not fade. Price each: \$1.50.



Rose Marie



Talisman

★**Souvenir de Georges Pernet.** HT. (Pernet-Ducher 1919). Very double flowers are Oriental red with carmine and yellow shadings; fragrant. Growth is dwarf, with good foliage, free flowering. This Rose should not be pruned severely, and should be protected against "black-spot." Price each: \$1.50.

**Sunburst.** HT. (Pernet-Ducher 1912). Well-shaped flowers are sulphur yellow with centre of dark yellow; fragrant. Growth is rather spreading and not very strong; free flowering.

**Talisman.** HT. (Montgomery 1929). A Rose of vivid colors, admirably suited for out-door culture, with fine, vigorous foliage. It is easy to grow, strong in habit, free flowering and not troubled by disease.

(See colored plate in specialties section).

★**Ville de Paris.** HT. (Pernet-Ducher 1926). Round buds and cupshaped flowers of pure yellow, without a trace of any other color. It is of the Radiance type. Growth is tall and foliage small and hard. Price each: \$2.00.

★**Wilhelm Kordes.** HT. (W. Kordes Sohne 1922). One of the finest Roses of recent introduction. Buds are coppery-salmon, with golden yellow base. Flowers are salmon-pink, of beautiful form, on long stems. Growth is very strong, with good foliage which is free from mildew and black spot. Price each: \$1.50.

**William F. Dreer.** HT. (Howard & Smith 1920). Flowers similar to the Los Angeles, soft shell-pink, the base a rich golden yellow; fragrant. Growth fairly good, free flowering. Foliage needs protection especially against "black-spot."

**William R. Smith.** T. (Smith 1908). Flowers are creamy-white, with rose shadings; not very fragrant. Growth is very strong and very free flowering with clean healthy foliage, free from mildew.

**Willowmere.** HT. (Pernet-Ducher 1913). Beautiful buds are coral-red, opening to flowers of shrimp-pink, shaded yellow in the centre; not fragrant. Growth very strong, and very free flowering. Foliage must be protected against the usual diseases.

## HYBRID PERPETUAL

**Alfred Colomb.** (Lacharme 1865). Flowers are a light carmine-crimson, of fine globular form. Extremely fragrant. Growth is strong, with large healthy foliage.

**Anna de Diesbach.** (Lacharme 1858). Flowers are carmine, extra large, and double. Growth is strong and free flowering, and extremely hardy.

**Baron de Bonstetten.** (J. Liabaud 1871). Dark velvety crimson flowers of medium size, very fragrant. Growth vigorous, and free flowering. One of the best dark Roses.

**Baroness Rothschild.** (Pernet 1867). Perfect flowers of pale pink, shaded rose, very large; not fragrant. Growth is strong with clean, healthy foliage. Flowers usually borne singly on stiff stems.

**Captain Christy.** (Lacharme 1873). Flowers flesh-pink, darker toward the centre, medium size, double and fragrant. Growth is strong, but dwarf and is free flowering in the Autumn.

**Captain Hayward.** (Bennett 1893). Buds and flowers scarlet-crimson; very large and fragrant. Growth is vigorous, and is very free flowering.

**Clio.** (W. Paul & Son 1894). Very double, large flowers of globular form; flesh colored, deepening to centre; fragrant. Growth is extremely strong, with good foliage. This Rose should be disbudded as buds appear in large clusters.

**Earl of Dufferin.** (A. Dickson & Sons 1887). Rich, velvety crimson, shaded with dark maroon, very fragrant. Growth extremely strong, flowering over a long season.

**Fisher Holmes.** (E. Verdier 1865). Magnificent, velvety crimson-scarlet, perfectly formed and fragrant. Growth is strong and established plants sometimes flower in the Autumn.

**Frau Karl Druschi.** (P. Lambert 1900). Pinkish buds, opening to beautiful snow-white flowers of enormous size, but without any fragrance. Growth extremely strong, foliage healthy, flowers freely during the entire season. The very best white Rose grown, although it is not fragrant.

**General Jacqueminot.** (Roussel 1852). Brilliant, velvet crimson flowers of fine shape; very fragrant. Growth is strong, with good foliage, which however mildews occasionally. Sometimes flowers in the Autumn.

**Georg Arends.** (Hinner 1910). The beautiful pointed flowers are of a pure soft pink; very fragrant. Growth extremely strong with good foliage. Flowers appearing during the Autumn are the most perfect.

**George Dickson.** (A. Dickson & Sons 1912). Very large, perfect flowers of dark velvety crimson; very fragrant. Growth is strong with fine foliage, which, however, mildews easily.

**Gloire Lyonnaise.** (Guillot fils 1884). The white, tinted yellow flowers are very large and double, slightly tea-scented. Growth is strong with clean healthy foliage.

**Hugh Dickson.** (H. Dickson 1905). Intense crimson-scarlet flowers, large, full and very fragrant. Growth is extremely strong, and when established will flower throughout the entire season.

**J. B. Clark.** (H. Dickson 1905). Very large, deep scarlet flowers shaded velvety maroon, very double; slightly fragrant. Growth extra strong, good foliage; hardly ever flowers in the Autumn.

**John Hopper.** (Ward 1862). Large flowers of bright rose, shaded carmine in centre; fragrant. Growth is strong and bushy; free flowering and generally a satisfactory Rose, which often flowers during the Autumn.

**Magna Charta.** (W. Paul & Son 1876). Flowers are very large and double, of bright pink, suffused with carmine; very fragrant. Growth is strong and erect, foliage good. Rarely flowers in the Autumn.

**Margaret Dickson.** (A. Dickson & Sons 1891). White with pale rosy centre, well shaped, and faintly fragrant. Growth is strong, foliage good.

**Mme. Albert Barbier.** (Barbier & Co. 1925). Our growers description is as follows: "Large, beautifully formed flowers with shell-like petals of chamois-pink and pale yellow, blending to white at edges. Practically an everblooming rose, flowers throughout summer and autumn."

**Marshall P. Wilder.** (Ellwanger & Barry 1884). Cherry-colored flowers suffused carmine, well shaped, very fragrant. Growth is strong with long blooming period. Similar to Alfred Colomb but grows stronger and flowers more freely.

**Mrs. John Laing.** (Bennett 1887). Large flowers of clear pink; cup-shaped and double; very fragrant. Growth is very strong with healthy foliage and very free-flowering. One of the best of the Hybrid Perpetual Roses, giving some flowers in the Autumn.

**Mrs. R. G. Sharman-Crawford.** (A. Dickson & Sons 1894). Deep rosy pink, shading lighter toward base of petals, double and fragrant. Growth is strong, foliage good and free flowering.

**Paul Neyron.** (L. Levet 1869). Dark lilac-rose flowers, very large and double; extremely fragrant. Growth extra strong, with leathery foliage and almost without thorns; free flowering.

**Prince Camille de Rohan.** (E. Verdier 1861). Dark crimson flowers, shaded blackish maroon, well formed and very fragrant. Growth is moderate and spreading; very free flowering in its season but seldom in the Autumn. Long looked upon as the darkest of Roses and often sold as the "Black Rose."

**Ulrich Brunner.** (F. Levet 1881). Large, fairly full flowers of bright cherry-red; very fragrant. Growth is strong and



Paul Neyron

erect, with large foliage. Flowers freely in early Summer. An old and well known variety; almost thornless.

## POLYANTHA ROSES

Price: Dormant, 75 cents each; \$6.50 for ten. Potted, \$1.00 each; \$9.00 for ten.

**Cecile Brunner.** (Mme. Ducher 1881). Small, beautifully shaped buds and flowers of light pink with yellow base in graceful clusters. Foliage shiny and healthy. Perfectly formed miniature Rose known as the "Sweetheart Rose."

**Chatillon Rose** (A. Nonin 1923). Flowers are semi-double, bright pink. The trusses are very large, growth is strong and healthy.

**Clotilde Soupert.** (Soupert & Notting 1890). Flowers pearly white with a pink flush at the base. Flowers freely in large clusters; growth quite strong.



Mrs. William H. Cutbush

**Ellen Poulsen.** (D. L. Poulsen 1912). Flowers are rather large and fairly full, of bright rose-pink, darker toward the edges, and fragrant. Large, compact clusters, produced freely by a dwarf, bushy plant, about 18 inches high.

**Eva Teschendorf.** Flowers are white, semi-double on strong bushy plants. It might be called the White Tausendschon. Free flowering and hardy.

**George Elger.** (E. Turbat & Co. 1912). Beautiful yellow buds and delicately formed flowers, fading with age. Moderate growth, and continually in flower. The best of the yellow Polyanthas, but not always hardy.

**Ideal.** (J. Spek 1922). Dark scarlet flowers shaded with black, produced in great profusion in large trusses. Growth is vigorous, long-branching, continually in flower.

**Katharine Zeimet.** (P. Lambert 1901). Flowers are pure white and very double, fragrant; produced in large clusters on strong plants, continually in flower.

**Miss Edith Cavell.** (Meiderwyk 1917). Semi-double flowers of brilliant scarlet-red, shaded darker, produced in large trusses on strong, well branched plants.

**Mme. Norbert Levavasseur** (or Baby Rambler). (Levavasseur & Sons 1903). Small, semi-double flowers of bright purple-crimson with a lighter centre, in large clusters on strong plants, which are constantly in flower.

**Mrs. Wm. H. Cutbush.** (W. Cutbush & Son 1906). Medium-sized flowers of bright rosy pink in large clusters. Plant is strong and very free flowering.

**Orleans.** (Levavasseur & Sons 1910). Flowers small, fairly double, and brilliant light red with a whitish centre, constantly in flower in large trusses. Plant is very strong and healthy.

**Triomphe Orleanais.** (Peauger 1912). Flowers are bright cherry-red, rather large, produced freely in large trusses. Plant is strong and erect, 20 to 24 inches high, with shiny green foliage.

**Yvonne Rabier.** (E. Turbat & Co. 1910). Flowers are pure white, with creamy base, produced in clusters. It flowers freely, having bright green glossy foliage.

# AUSTRIAN BRIERS

Price: \$1.00 each, \$9.00 for ten.

**Austrian Copper** (*Rosa fatida bicolor*). (Gerarde 1596). Single flowers of intense copper-red, reverse of petals bright golden yellow, produced singly on short stems along the branches. Hardy, and very strong when thoroughly established. Blooms very early, and requires a dry, rather sheltered situation.

**Harison's Yellow.** (Harison 1830). Semi-double bright yellow flowers covering the plant early in the Spring. Very vigorous and hardy; healthy foliage.

**Persian Yellow.** (Willock 1837). Flowers are deep golden yellow and double produced along the canes of the plant. Flowers late in Spring or early Summer. Growth is moderate and the foliage is not very good.

## RUGOSA ROSES AND THEIR HYBRIDS

Price: \$1.00 each; \$9.00 for ten, unless otherwise noted.

These Roses are particularly suited to planting near the sea-shore or in other exposed locations. They are extremely hardy and their foliage is not subject to the diseases and pests that oftentimes trouble the bedding Roses. They are recommended for planting in the shrubbery border where they will produce their blossoms followed by colored fruits.

• **Amelie Gravereaux.** (Gravereaux 1904). The flowers are medium sized, dark purplish red, double and fragrant, borne in clusters. The foliage is rough and leathery.

**Blanc Double de Couvert.** (Cochet-Cochet 1892). Flowers pure white and double; produced freely during Summer and Autumn. Plants are very strong, with foliage and habit of the Rugosa type. The best double pure white Rugosa.

**Conrad Ferdinand Meyer.** (Muller 1900). Very large flowers of light silvery pink on strong stems; plant is very strong grower, sometimes 8 to 10 feet high when established. Truly the handsomest Rugosa, very hardy.

**F. J. Grootendorst.** (Degoey 1918). Small, flowers of bright orange-red, produced in clusters freely throughout the entire season. The plant is very strong, up to 6 feet or more, with large foliage. This variety combines the everblooming habit of the Polyanthas with the strong growth of the Rugosa. Will make a beautiful everblooming hedge.

• **Pink Grootendorst.** (F. J. Grootendorst & Sons 1923). The flowers of this variety are clear light pink, flowering during the entire season. This variety can also be used as a hedge plant as it makes a strong bushy shrub, absolutely hardy. Price each \$1.50.

**Roseraie de L'Hay.** (Cochet-Cochet 1901). Dark red, double flowers; very fragrant. Blooms very early in Spring and continues through the Summer. Plant is strong and very hardy.

• **Sarah Van Fleet.** (Dr. W. Van Fleet 1926). The plant is of erect and spreading habit with medium green Rugosa type foliage. It is strong growing, very hardy, and the flowers are rose-pink. Freedom of bloom and lasting quality excellent. Price each \$2.00.

**Sir Thomas Lipton.** (Dr. W. Van Fleet 1900). Showy white flowers of good size and splendid quality; very free flowering in Spring, but sparingly through Summer and Autumn. The plant is very strong and hardy.

**Rosa Rugosa.** Large single flowers; color varies from shades of pink and rosy crimson. Flowers early and continues flowering all Summer. Strong, wrinkled foliage, seldom troubled by any disease. Price: 75c each, \$6.50 for ten.

**Rosa Rugosa Alba.** This is the white form of the above variety. Price: 75c each, \$6.50 for ten.

# MOSS ROSES

Price: \$1.00 each, \$9.00 for ten.

**Blanche Moreau.** (Moreau-Robert 1880). Heavily mossed buds and double white flowers in clusters. Very strong and free flowering; in favorable seasons it blooms again in the Autumn.

**Crested Moss** (*Chapeau de Napoleon*; *Cristata*). (Found in Friburg, Switzerland, 1827). Triangular buds, crested with a deep fringe which sometimes extends to the leaves. The flowers are large and full, bright rose-pink, paling toward the edges. Branching, moderate growth. Feed heavily to produce the finest crests.

**Henri Martin.** (Laffay 1863). Sparsely mossed buds. Flowers are fairly large, shining crimson, semi-double. Plant grows moderately.

## SINGLE ROSES

Price: \$1.00 each, \$9.00 for ten.

**Irish Elegance.** HT. (A. Dickson & Sons 1905). Bronzy pink buds, opening with shades of apricot and yellow. Growth very strong and continually in flower. Perhaps the best liked of the single Roses.

**Irish Fireflame.** HT. (A. Dickson & Sons 1914). Orange-crimson blooms, shaded pink and gold, very large and fragrant. Growth strong and very free flowering.

## TREE ROSES

Tree Roses are used most successfully in the well planned rose garden to relieve the flat appearance that is often difficult to get away from. In England they are used very extensively with charming effect. They deserve far greater popularity in this country, and the only unusual care they require is adequate winter protection. This protection may be had either by giving the plants a thorough wrapping with straw and burlap, or by laying them down and covering the head and main stem with soil and then mulching in the usual way with strawy manure or a heavy coating of hardwood leaves held in place by Evergreen boughs. We advise Spring planting in preference to Autumn. They should always be well staked after planting.

• Price each: \$3.00; \$27.00 for ten.

**Frau Karl Druschki.** White.

**Gruss an Teplitz.** Red.

**K. A. Viktoria.** Pure white.

**Killarney Queen.** Bright pink.

**Lady Ursula.** Light pink.

**Mme. Butterfly.** Light pink tinted gold at base.

**Mme. Caroline Testout.** Globe shaped satiny rose.

**Mrs. Aaron Ward.** Golden buff.

**Ophelia.** Creamy white and pale pink, golden yellow at base.

**Radiance.** Rose pink.

**Souvenir de Claudio Pernet.** Yellow.

## ROSA HUGONIS

Light yellow flowers produced along slender branches, making a striking display early in the season, resembling the Spirea Van Houtte, except of course, that the flowers are yellow. Branches growing erect reaching 6 to 8 feet. Its habit of growth does not allow it to be used in the rose bed, but it should be planted either as a specimen shrub, or in a shrub border where it will grow rapidly and flower very freely. As the flowers appear on last year's growth, this rose should not be pruned until after the flowering season is over.

Price of strong plants \$1.50 each, \$14.00 for ten.



# HARDY CLIMBING ROSES

Prices except as otherwise noted: Dormant plants 75c each, \$6.50 for ten; Potted plants \$1.00 each, \$9.00 for ten.

**American Pillar.** HW. (Dr. W. Van Fleet 1902). Single flowers fairly large, of brilliant crimson-pink, with large white centres and golden yellow stamens. Flowers very freely in large clusters on very strong growing plants. Healthy foliage.

**Aviateur Bleriot.** HW. (Fauque & Sons 1910). Saffron buds and flowers, streaked with crimson, fading to light yellow; fragrant. Growth is fairly strong, foliage very good. Needs protection in Winter.

**Christine Wright.** HW. (Hoopes Bro. & Thomas Co. 1909). Flowers are very large and double, of a wild-rose pink in large clusters. Growth is strong and produces occasional flowers in the Autumn.

**Climbing American Beauty.** HW. (Hoopes Bro. & Thomas Co. 1909). Flowers are of a brilliant carmine-rose, of beautiful form and very fragrant, produced mostly in clusters of three, on fairly strong growing plants.

**Crimson Rambler.** HW. (C. Turner 1893). Small flowers of dazzling scarlet-red, in large sprays on a very strong plant with coarse foliage. An old favorite but so much troubled by mildew that we recommend the planting of Excelsa, which is of the same color, but with stronger foliage.

**Dorothy Perkins.** HW. (Jackson & Perkins Co. 1902). Beautiful flowers of brilliant shell-pink in large clusters. Very long canes and good foliage; subject to mildew in the Autumn.

**Dr. Huey.** HW. (Capt. Thomas 1914). Semi-double flowers of deepest crimson-maroon, shaded black, in large clusters on a very strong plant. Foliage not entirely free from mildew.

**Dr. W. Van Fleet.** HW. (Dr. W. Van Fleet 1910). Buds and flowers pale pink. The lovely shaped flowers are equal in form and size to the finest Hybrid Teas. Growth is very strong, with clean healthy foliage.

**Emily Gray.** HW. (A. H. Williams 1918). The large semi-double flowers are a deep golden yellow, slightly fragrant. They are produced singly or in small clusters. Growth is very strong with beautiful shiny foliage. The true yellow climbing rose which does not fade. Needs protection during the Winter.

**Excelsa.** HW. (M. H. Walsh 1910). Double, scarlet-crimson flowers. Clusters very large. Plant is extremely strong-growing with clean foliage.

**Flower of Fairfield.** Sometimes called the everblooming Crimson Rambler. Is a great improvement over the old variety, as it has a longer blooming season, bearing large clusters of crimson flowers well through the Summer.

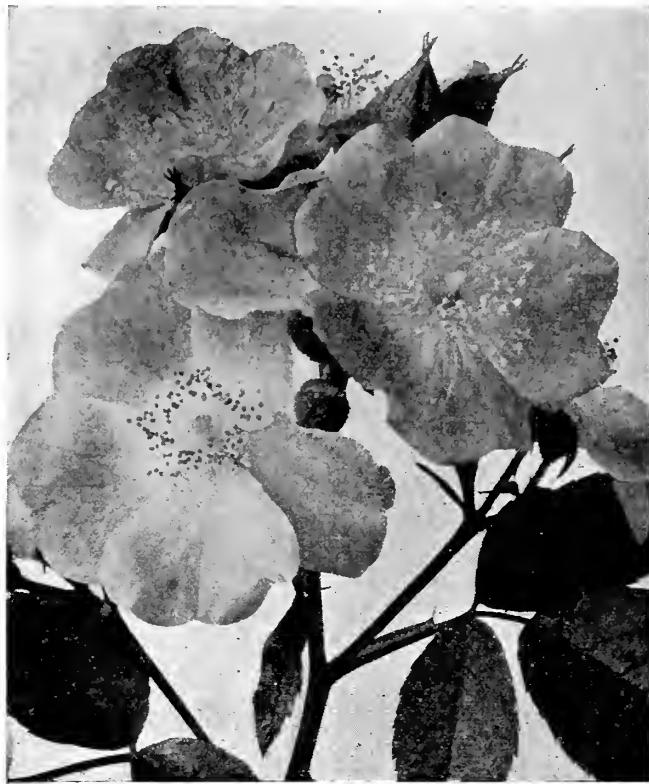
**Gardenia.** HW. (W. A. Manda 1899). Yellow buds and creamy flowers with rich yellow centers; borne in small sprays. Growth is very strong; early flowering.

**Glen Dale.** HW. (Dr. W. Van Fleet 1927). A perfectly hardy climber with heavy dark green hybrid-tea-like foliage, resistant to black spot and mildew. The buds are lemon color, opening to fragrant cream-white, double flowers. Price each: \$1.50.

**Heart of Gold.** HW. (Dr. W. Van Fleet, introduced by the American Rose Society 1925). Single flowers  $2\frac{1}{2}$  to 3 inches across, in sprays. Dark purplish crimson, with a white centre and showy golden stamens. Very vigorous and healthy. Price each: \$1.00.

**Hiawatha.** HW. (M. H. Walsh 1904). Small single flowers of brilliant carmine, with white eye and shining yellow stamens. Clusters are very large. Late flowering.

**Mary Lovett.** HW. (Dr. W. Van Fleet 1915). Large pure white waxy flowers, sweet scented, singly and in sprays. Plant is strong growing with glossy foliage. This is a pure white variety of the well-known Dr. W. Van Fleet.



American Pillar

**Mary Wallace.** HW. (Dr. W. Van Fleet, introduced by American Rose Society 1924). Flowers are very large, semi-double, clear rose-pink, with salmon base. Growth is very strong, 8 to 10 feet high, with healthy glossy foliage.

**Paul's Scarlet Climber.** HW. (W. Paul & Son 1916). Flowers of bright scarlet, quite large and beautiful form. Blooms in small clusters. Growth is strong with very good foliage. Flowers very freely at its season. The finest red climbing rose that is available.

**Silver Moon.** HW. (Dr. W. Van Fleet 1910). Enormous flowers of purest white, showing the golden anthers on transparent petals. Flowers are almost single and appear mostly in small sprays or singly. Growth is extremely strong, 10 to 15 feet, with perfect foliage. Should be protected during the Winter.

**Star of Persia. Fœtida Hybrid.** (J. H. Pemberton 1919). Semi-double, bright yellow flowers about three inches across, in big, loose sprays. Growth vigorous (about 8 to 10 feet), with dark healthy and clean foliage. Price each: \$2.00.

**Tausendschön.** HW. (J. C. Schmidt 1906). Beautiful ruffled flowers varying from creamy white to bright rose-pink; fragrant; produced in large clusters. Growth is very strong, thornless, with healthy foliage.

**White Dorothy.** HW. (B. R. Cant & Sons 1908). Flowers are rather small, very double, pure white in large trusses. Growth is strong and healthy. A pure white form of Dorothy Perkins, and of somewhat stronger growth.

**Rosa Wichuraiana.** (Crépin, Japan). Pure white flowers in large clusters, freely produced rather late in the season. Plant is trailing and forms a dense mat of shining, almost evergreen foliage. It is the parent of a great many of the climbing Roses, and is extremely attractive and useful especially as a ground-cover.

# BRECK'S HARDY PLANT COLLECTIONS



## BOSTON COLLECTION

An assortment of Hardy Flowers growing to approximately the same height, giving a succession of bloom from Spring until Autumn. These plants will fill a bed or border twenty to twenty-five square feet in area.

2 <i>Anemone Japonica</i>	2 <i>Iris Germanica</i>
2 <i>Aquilegia chrysanthia</i>	1 <i>Lobelia cardinalis</i>
2 <i>Chrysanthemums</i>	1 <i>Lupinus polyphyllus</i>
1 <i>Coreopsis lanceolata</i>	1 <i>Lychnis chalcedonica</i>
2 <i>Delphiniums</i>	2 <i>Phlox</i>
1 <i>Gypsophila paniculata</i>	1 <i>Platycodon</i>
1 <i>Heliopsis Pitcheriana</i>	1 <i>Veronica</i>

These 20 Hardy Plants in 14 varieties for \$5.00;  
carriage extra.

Fertilize your hardy perennial garden with Sheep Manure, and Ground bone, using about a pound of each per square yard. Mulch with Peat Mull.

## LEXINGTON COLLECTION

This larger Collection includes early, midseason, and late blossoming hardy plants, of varying heights, sufficient for a bed or border covering fifty square feet.

### April to June

3 <i>Aquilegia hybrids</i>	3 <i>Iris Germanica</i>
3 <i>Delphiniums</i>	2 <i>Lupinus polyphyllus</i>
1 <i>Hemerocallis</i>	2 <i>Oenothera</i>
2 <i>Gaillardia</i>	1 <i>Gypsophila</i>

### June to August

2 <i>Achillea</i>	2 <i>Iris Kaempferi</i>
1 <i>Heuchera</i>	2 <i>Lobelia cardinalis</i>
2 <i>Coreopsis</i>	2 <i>Lychnis Chalcedonica</i>
2 <i>Dianthus barbatus</i>	2 <i>Platycodon</i>
2 <i>Stokesia</i>	

### August to October

2 <i>Aconitum</i>	4 <i>Chrysanthemums</i>
2 <i>Anemone Japonica</i>	2 <i>Helium</i>
2 <i>Aster Novæ-Angliæ</i>	4 <i>Phlox</i>

These 50 Hardy Plants in 23 varieties for \$10.00;  
carriage extra.

**Aphids.** Spray with "Evergreen" or "Black Leaf 40."

**Mildew or Blight.** Spray with Bordeaux Mixture.

**Cutworms.** Treat soil around plants with "Snarol" or "Evergreen."

## BRECK'S SQUARE HARDY GARDEN

A ready-planned flower garden for a space twenty-four feet square, with a grass-plot in centre giving an opportunity for the placing of a bird-bath, gazing-globe, or sun-dial. Over forty varieties of Hardy Plants are included, carefully chosen with respect to height, color, and season of bloom; a planting-plan and complete instructions are provided. A specimen of this garden may be seen in our show-grounds at Lexington. The price represents a saving of 20 per cent as compared with regular rates.

**Breck's Square Garden, 178 Plants with planting plan f.o.b. Lexington, \$50.00.**

Delivered and planted within 20 miles for \$20.00 additional.

### BRECK'S PERENNIAL BORDER

This Border has been planned as a single bed 20 feet long by 4 feet wide, but the selection of plants is such that it may be arranged in any of a half dozen ways as the purchasers' individual tastes may dictate. The Collection comprises 72 Hardy Perennial Plants and can be relied on to give a full measure of satisfaction, both as to garden effect and also for cutting. A generous number of such well known flowers as Paeonies, Iris, Phlox, Larkspur, Columbines, Lilies, etc., is included in this justly popular selection of favorite garden subjects, and with every Collection a complete planting plan is provided, showing the arrangement of the plants for best effect. We have designed this garden especially for those who want a well balanced hardy garden that will require the minimum of care and yet give a wide selection of bloom throughout the year from early Spring until the severe frosts of Mid-Autumn.

**Breck's Perennial Border, 72 Plants with planting plan, f.o.b. Lexington, \$18.00.**

Delivered and planted within 20 miles for \$10.00 additional.

### BRECK'S ROCK GARDEN

This Collection of true and tried Rock plants has been carefully selected to meet the demands of the beginner in Rock Gardening. It represents an ideal collection of the better known and more easily grown Perennials for rock work.

**Aquilegia. Columbine.**

**Arabis alpina. Rock Cress.**

**Armeria maritima. Sea Pink.**

**Campanula carpatica. Carpathian Bellflower.**

**Heuchera sanguinea. Coral Bells.**

**Iberis Snowflake. Candytuft.**

**Iris pumila. Dwarf Iris.**

**Nepeta Mussini.**

**Phlox subulata. Moss Pink.**

**Sedum spectabile. Showy Stonecrop.**

**Sedum hispanicum. Spanish Stonecrop.**

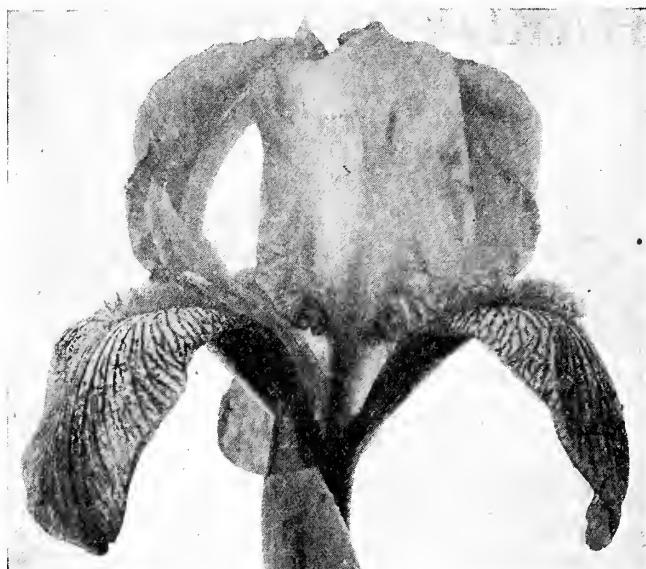
**Sedum acre. Gold Moss.**

**One each of the above 12 varieties for.....\$2.50**

**Two each of the above 12 varieties for..... 4.75**

**Four each of the above 12 varieties for..... 9.00**





Iris

## Hardy Chrysanthemums

### Special Offer

Eve. Large flowers of rich deep pink.

Glory of Seven Oaks. Dwarf golden yellow; early.

Hills of Snow. Pure white.

Mrs. Albert Phillips. Deep lavender.

October Gold. Rich golden bronze.

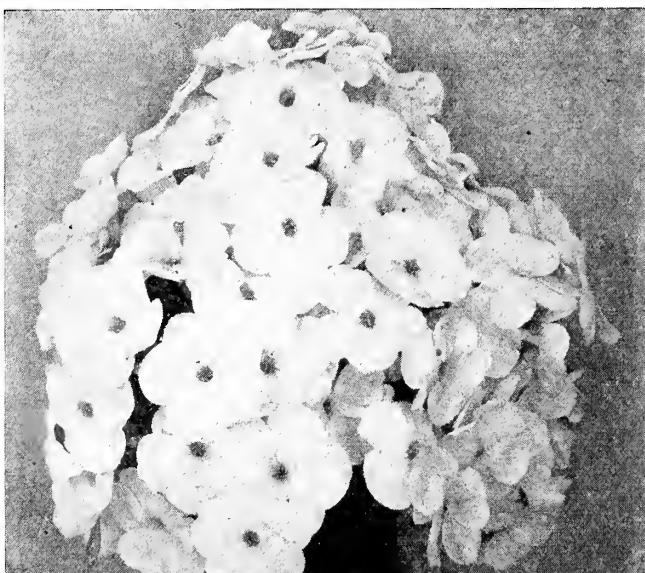
Red Doty. Red.

Rosea. Large flowers rosy red.

Ruth Cummings. Reddish bronze.

One each of above 8 varieties for \$1.50.

Carriage extra.



Phlox

## German Iris

### Special Offer

Ambassadeur. S deep lavender suffused with bronze.

F Maroon with purple cast.

Cluny. S Wisteria-blue. F blue-violet.

Mother of Pearl. S and F pale bluish lavender.

Mrs. Neubonner. Very deep golden yellow.

Queen Caterina. S and F pure lavender blue.

Rhein Nixe. S pure white. F violet blue edged white.

("S" denotes the standards or erect petals; "F" the Falls or drooping petals).

One each of the above 6 varieties for \$4.00.

Carriage extra.



Chrysanthemums

## Hardy Phlox

### Special Offer

Annie Cook. Flesh Pink.

Gen. Von Heutz. Bright Salmon Red, white center.

Lothair. Bright crimson.

Pantheon. Bright carmine rose.

Rosenberg. Reddish violet.

R. P. Struthers. Brilliant Rosy Red, crimson center.

Stella's Choice. Pure white. Tall.

Von Hochberg. Brilliant Red.

One each of above 8 varieties for \$1.50.

Carriage extra.

# HARDY PERENNIAL PLANTS

The Hardy Perennials supply us with some of the most beautiful and interesting plants available for out-of-door culture. In this group of plants, flowers of almost every type, color and height may be found, and by judicious selection a succession of bloom may be enjoyed from early Spring right through to hard frosts. Among the Hardy Perennials a wonderful range of color exists, and then it must not be forgotten that these Hardy Plants are suited to plantings of widely varying types. Our list contains many Hardy Plants that are admirably suited to the Rock Garden. Others are of a tall and strong growing type, suited to massing in the back of the border; and still others, like Phlox, Iris, Paeonies and the Hardy Chrysanthemums are suitable for planting in masses or in small groups or individual specimens in the garden beds. Throughout the list we have tried to make the descriptions as accurate as possible in order to make selection of varieties easy. Many people, however, are unfamiliar with Hardy Perennials except as a general group, and to meet the requirements of those who lack experience we have made up a series of Collections and Special Offers which represent extraordinary values. We beg to call these Collections to your especial attention as we include with some of them complete blue print plans making the creation of "An Old Fashioned Garden" easy for the most inexperienced amateur. These Collections and Special Offers appear on the three preceding pages. The complete list of separate varieties follows.

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; \$20.00 for 100

## ACHILLEA—YARROW

**A. ptarmica** (The Pearl). One of our best border Perennials; erect stems, 18 inches, terminating with pure white flowers, exceedingly double; June to September.  
**A. tomentosa**. Wooly Yarrow. Bright yellow flowers. June. 1 ft.

## ACONITUM—MONKSHOOD

Price: 35c each, \$3.00 for ten.  
 A stately group of plants for the wild garden, shrubbery borders, and in shady spots, where they do well. They grow 3 to 5 feet high, producing large spikes of blue, white, and purple flowers not unlike the Delphiniums.  
**A. autumnale**. Dark blue. October. 5 ft. flowers in September and October. Each 50c; \$4.50 for ten.  
**A. Fischeri**. A dwarf variety, growing 18 inches high, with very large, pale blue. Each 40c, \$3.50 for ten.  
**A. napellus**. June to September. Flowers dark blue. 3½ ft.  
**A. napellus bicolor**. Large blue-and-white flowers. Price: each 40c; \$3.50 for ten.  
**A. napellus Spark**. 3 to 4 ft. July to September. Dark blue, free flowering.

## AGROSTEMMA (See Lychnis)

## AJUGA

**A. genevensis** (Geneva Bugle). May. 6 to 8 in. Long spikes of light blue flowers. Will do well in shady places.

## ALTHEA ROSEA HOLLYHOCK

Few hardy plants are more worthy of cultivation than Hollyhocks. For interspersing among shrubbery or planting in rows back of lower growing plants they are most valuable.

**Alleghany**. Large double flowers fringed petals; pink or carmine. Double in colors: carmine, pink, red, salmon, white, yellow.

Single in colors: pink, red, and white.

Mixed, double or single.



Aconitum

## ALYSSUM

**A. saxatile compactum** (Dwarf Goldentuft). April to June. 1 foot. Broad velvety gray foliage, surmounted by elegant, small fragrant yellow flowers, in heads.

## ANCHUSA—BUGLOSS

**A. Italica Dropmore**. An improvement on the old Italian Alkanet; grows 5 feet high and produces its pretty gentian-blue flowers throughout the entire Summer.  
**A. myosotidiflora**. Produces graceful panicles of bright blue flowers, like the forget-me-nots in April and May. Price: 40c each, \$3.50 for ten.

## ANEMONE WINDFLOWER

The Anemone is one of the finest perennials for the Autumn. Should be planted in a sheltered position as it flowers very late. Spring is the best time to plant.

**A. Japonica**. September until frost. 3 to 4 feet. It is of vigorous growth, with handsome foliage, and the flowers of a pinkish red are freely produced on long stems, and are of great merit for cutting.  
**A. var. alba**. September to November. Pure, large white flowers with yellow stamens. The latest-flowering perennial we have and equalled by few hardy plants. This and the pink form should be protected by a heavy mulching of leaves.

**A. var. Queen Charlotte**. The finest of all Anemones. It blooms much earlier than the old varieties. The flowers are rose-pink. 2 to 3 feet.

**A. var. whirlwind**. A semi-double white form. The flowers, which are 2½ to 3 inches across, have several rows of white sepals, and the blooms last much longer than those of the single variety. 3 to 4 feet.

**A. pulsatilla** (European Pasque flower). April and May. 9 to 12 in. Flowers blue to reddish purple. Splendid for border or rock garden.

**A. pulsatilla rubra** (Red European Pasque flower). April and May. 9 to 12 in. A red flowering form of the above.



Aquilegia—COLUMBINE

**ANTHEMIS—CHAMOMILE**

*A. tinctoria*. June to October. 2 to 3 feet. Flowers deep lemon-yellow. Excellent for cutting.

**AQUILEGIA—COLUMBINE**

One of the most deservedly popular groups of hardy plants, and one in which every variety has an individual grace and beauty which never fails to elicit admiration.

*A. formosa truncata* (Californica). A cross between *A. coerulea* and *A. chrysanthia*, having similar-shaped flowers, but much larger than either of the parent species and very distinct in color, from creamy white to intense blue and rosy purple.

*A. Canadensis* (American Columbine). April to June. 1 to 1½ feet. The wild Honeysuckle. Scarlet and yellow flowers.

*A. chrysanthia* (Golden Columbine). May to August. 3 feet. Numerous golden yellow flowers, with long, slender spurs; one of the most distinct of this family; fragrant and showy.

*A. Erskine Park Hybrids*. This strain of *Aquilegia* originated at Erskine Park, Lenox, Mass., the result of hybridizing European and American varieties. Mixed colors.

*A. long spurred hybrids*. Choice mixed. 3 feet. This strain is the finest procurable. The colors range through blue, bright rose, pink, mauve, white and yellow.

*A. vulgaris* (European Columbine). April to June. 1½ to 2 feet. Flowers in all shades of blue, white, red, and purple; strong, vigorous habit of growth.

*A. var. alba* (White European Columbine). April to June. Of great value for cutting, and most showy. 2 to 3 feet.

**ARABIS—ROCK CRESS**

- A. alpina*. Low growth, suitable either for the rockery or the border, and covered with fine racemes of pure white flowers.
- A. Alpina*. fl. pl. A double flowering form of the above. Price each, 35c, \$3.00 for ten.

**ARMERIA—SEA PINK or THRIFT**

- A. cephalotus rubra*. June and July. Strong variety with crimson-red flowers. 8 to 12 in.
- A. maritima*. May and June. Grass-like foliage, with fine purple flowers. Valuable for edging and borders. 3 to 6 inches.
- A. maritima alba*. White variety of above.

**ARTEMISIA—WORMWOOD**

- A. abrotanum* (Southernwood). Green fragrant foliage. Yellowish white flowers. 2 to 3 feet. Each, 50c; \$4.50 for ten.
- A. stelleriana* (Beach Wormwood). Silvery white; foliage deeply cut, fine for rockeries.

**HARDY ASTERS****MICHAELMAS DAISIES**

In this class are some of the most showy as well as really beautiful and interesting flowering plants in cultivation. All are quite hardy, graceful in habit, and bear such profusion of flowers that they are most valuable in the garden, especially as they blossom when a scarcity of hardy flowers exists.

*Alpinus*. Blue Mountain Daisy. Flowers are light blue. Good for rock work. 6 to 10 in.

*Mrs. W. F. Raynor*. Deep red. 3 feet.

*Perry's Pink*. One of the finest pinks. 4 feet.

*Climax*. Blue. 3 feet.

*Novæ Angliæ*. Purple. 4 feet. *Elta*. Double lilac. 3 feet.

*var. roseus*. Rosy pink. 4 feet. *Pink Beauty*. Pink. 2 feet.

*St. Egwin*. Pink. 3 feet. *Saturn*. Steel blue. 3 feet.

*William Bowman*. Rosy purple. 4 feet. *Tataricus*. Blue. 6 feet.

*White Climax*. Pure white. 4 to 5 feet.



Astilbe

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; \$20.00 for 100



Asclepias Tuberosa

**ASCLEPIAS—MILKWEED**

**A.** *tuberosa* (Butterfly-weed). July and August. 2½ feet. Large heads of brilliant orange-colored flowers of most showy appearance. Price: 35c each, \$3.00 for ten.

**ASPERULA—WOODRUFF**

**A.** *odorata*. (Sweet Woodruff). May. 6 to 8 in. Small plants with fine leaves in clusters, bearing snow white flowers, very useful for shady places, very fragrant.

**ASPHEODELINE—JACOB'S ROD**

**A.** *lutea*. (Common Jacob's Rod). June and July. 3 feet. Grassy foliage and strong flower spikes, bearing fragrant yellow flowers.

**ASTILBE—ARENDSI HYBRIDS**

Will thrive in good soil. Should be well watered during growing season. Flowers in large panicles.

Price: 50c each, \$4.00 for ten.

**A.** *ceres*. Rosy lilac. 4 feet. **A.** *Gloria*. Brilliant dark pink. **A.** *Gruno*. Salmon-pink. 4 feet. **A.** *Japonica*. White. 2 feet. **A.** *Juno*. Purple pink. 3 feet. **A.** *Margarete*. Rose pink. **A.** *Meta Immick*. Deep pink. 3 feet. **A.** *Rose Pearl*. Shell pink. **A.** *Vesta*. Lilac rose. 3 feet. **A.** *Salland*. Red. 3 ft. **A.** *White Pearl*. White.

**JAPONICA VARIETIES**

**A.** *America*. Lilac. **A.** *Gladstone*. White. 2 to 2½ feet. **A.** *Kriemhilde*. Salmon rose. **A.** *Philadelphia*. Bright pink. **A.** *Queen Alexandra*. Deep pink. **A.** *Queen Wilhelmina*. Pure white. **A.** *White Queen*. Pure white.

**AUBRIETIA**

**A.** *deltoidea* (False Wall Cress). 6 inches, dark violet. April and May.

**BAPTISIA—FALSE INDIGO**

**B.** *australis*. June and July. 3 feet. Easily grown, quite compact and showy. Long racemes of dark blue flowers.

**BELLIS—ENGLISH DAISY**

**B.** *perennis*. April to June. 6 inches. Red, white, and pink; double. Popular spring flowers. Suitable for edging. Price: 20c each, \$1.20 for ten, \$10.00 for 100.

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; \$20.00 for 100

**BOLTONIA—FALSE CHAMOMILE**

**B.** *asteroides*. September and October. 4 to 5 feet. Late-flowering perennial; Aster-like flowers in quantity. **B.** *latissquama*. August and September. 4 feet. Flowers clear lavender-lilac. It is valuable in any situation, growing vigorously in any soil.

**BOCCONIA—PLUME POPPY**

**B.** *cordata*. August. This is one of the most tropical-looking of all our hardy plants. The foliage is broad and glaucous. It grows 6 to 8 feet high, terminating in a great spike of pink flowers, and grows in grass or any wild spot.

**CALIMERIS**

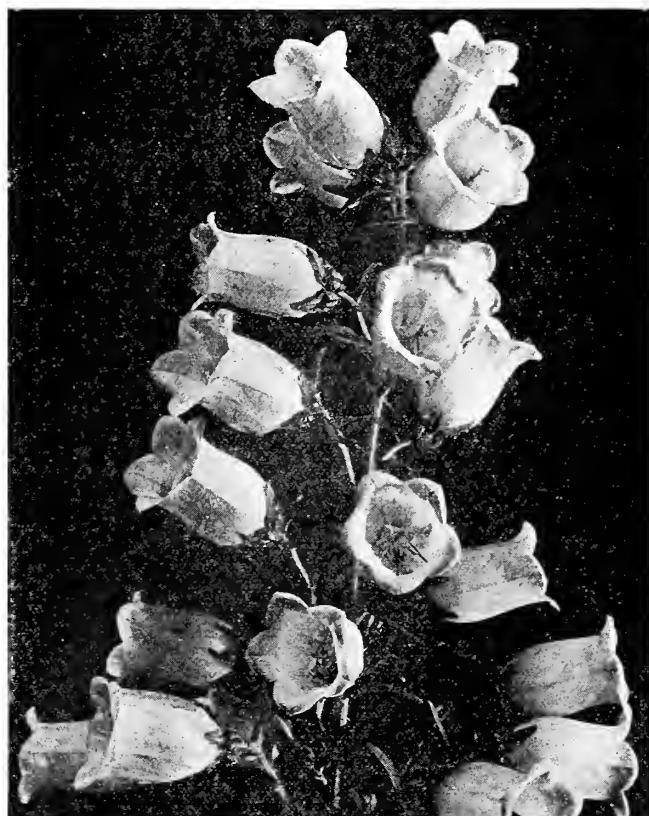
**C.** *incisa*. July and August. 1 to 2 feet. Light blue, Aster-like flowers.

**CALLIRHOE—POPPY-MALLOW**

**C.** *involucrata*. June to September. 1 foot. A trailing plant of vigorous growth, with large, rich, violet-crimson flowers during the entire latter part of the Summer. The foliage is good and the entire plant is distinct and showy.

**CAMPANULA—BELLFLOWER**

**C.** *Carpatica* (Carpathian Bellflower). June to September. 9 inches. This forms neat, compact tufts, covered with large, blue flowers; useful as an edging, bedding, or border plant. **C.** var. *alba* (White Carpathian Bellflower). June to September. 9 inches. Similar to above, but with pure white flowers. **C.** *media* (Canterbury Bell). Biennial, 2 to 3 feet high; flowers blue, pink, white, rose, and mixed colors; corolla very large and bell-shaped; bright and attractive.



Campanula Media

**CAMPANULA—Continued**

*C.* var. *calycanthema* (Cup and Saucer). Biennial. July. Calyx is colored like the flower, giving a cup and saucer effect. Pink, blue, and white.

*C. lactiflora*. July and August. 2 to 4 feet. Blue.

*C. persicæfolia*. June and July. 3 feet. Broad, purple, bell-shaped flowers arranged along a tall flower spike. A good border plant.

*C. Moerheimi*. June and July. 1½ to 2 feet. This peach-leaved Campanula is the finest double white bell-flower grown. The flowers are from 2½ to 3 inches in diameter.

*C. pyramidalis* (Chimney Campanula). July and August. A noble plant for back of the herbaceous border, forming a pyramid composed of numerous stems 4 to 5 feet in height, each stem being crowded with large, blue, Salvia-like flowers.

*C. rotundifolia* (Scotch Bluebell). June to August. 1 foot. Light blue, trumpet-shaped flowers. A fine rock plant.

**CASSIA**

*C. Marilandica*. July to September. 4 feet. Yellow.

**CENTAUREA**

*C. Montana* (Mountain bluet). Bushy plant, with large blue-violet flowers; valuable for cutting. July and August. 2 ft.

**CERASTIUM**

*C. tomentosum* (Snow in Summer). Silvery foliage with white flowers. Fine for rockery. 6 inches.

**CERASTOSTIGMA—PLUMBAGO**

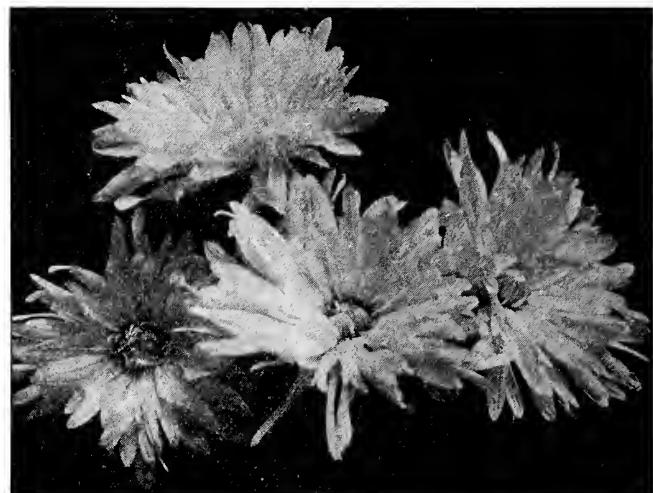
*C. plumbaginoides* (Larpente plumbago). Deep blue, spreading habit, fine for rockeries. September. 6 to 12 inches.

**CHEIRANTHUS**

*C. Allioni* (Siberian Wallflower). Flowers bright orange. Continues flowering all Summer if seed pods are cut off.

**CHELONE—TURTLE-HEAD**

*C. Lyoni*. August. 2 feet. A perennial of great beauty, with dark glossy foliage and most profuse in flowering. Terminal spikes of red or purplish-red flowers.



Hardy Chrysanthemums

**CHRYSANTHEMUMS**

Do not plant Chrysanthemums in the Autumn.

Plants may be set any time after danger from frost is past in the Spring. Space rows two feet apart, plants 18 inches, or in groups of 3 to 5 plants in the sunny border 1 foot apart. Pinch out head when planting.

Price: 30 cents each, \$2.50 for ten, \$18.00 for 100.

Alice Howell. Single orange yellow.

Baby. The smallest yellow variety grown.

Boston. Large flowers, a beautiful bronze.

Eve. Large flowers of rich, deep pink.

Glory of Seven Oaks. Dwarf, golden yellow. very early.

Harvest Moon. Fine golden yellow.

Hills of Snow. Pure white,

L'Argentuilla. Double chestnut shaded crimson.

Mrs. Albert Phillips. Deep lavender. When first opening the contrasting color is a lovely cream.

Mrs. C. S. Ryan. Large pure white.

Mrs. H. Craig. Yellow overlaid with orange crimson.

October Gold. Rich golden bronze.

Rosea. Large flowers, rosy red.

Ruth Cumming. Color reddish bronze. True Autumn shades.

For Collections of Chrysanthemums see page 138

**CIMICIFUGA—BUGBANE**

*C. racemosa*. Tall graceful perennial suitable for background of the border. Tall racemes of white flowers. 4 to 5 feet. July. Price: 35 cents each, \$3.00 for ten.

**CLEMATIS**

*C. Davidiana*. Pale blue flowers in clusters, with a delicate fragrance. Price: 40c each, \$3.50 for ten.

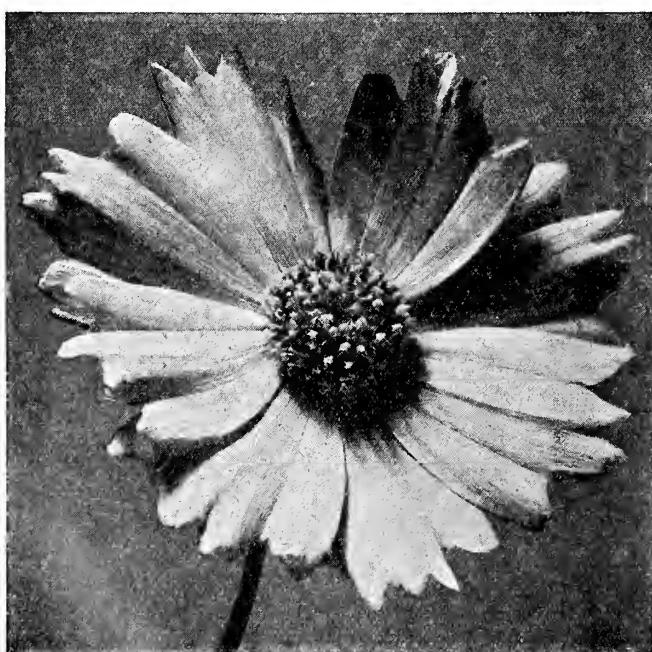
*C. recta*. Flowers white, sweet-scented and in immense masses. 3 feet. Rare and excellent. Price 35c each, \$3.00 for ten.

**CONVALLARIA—LILY OF THE VALLEY**

*C. majalis*. Spring. 9 inches. This is familiar to every one. It makes stronger spikes when given rich loam. Price: 50c each, \$4.50 for ten, \$40.00 for 100.

**COREOPSIS—TICK SEED**

*C. lanceolata*. June to September. 3 feet. This is doubtless one of the most showy hardy plants, and has the additional advantage of being very continuous in blooming. The flowers are a rich yellow.



Coreopsis

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; \$20.00 for 100

## DELPHINIUM-Larkspur

These are among the most popular subjects in the hardy border; bold, attractive plants of easiest culture, perfectly hardy. They will establish themselves in almost any good soil.

**D. belladonna.** The freest and most continuous blooming of all. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower.

**D. bellamosa.** A dark-blue variety of the above.

**D. Chinense.** A very pretty variety, with fine feathery foliage and intense gentian-blue flowers in open panicles.

**D. Chin. var. album.** A pure white form of the above.

**D. elatum** (Bee Larkspur). June to September. 5 to 6 feet. Dark blue flowers in long spikes.

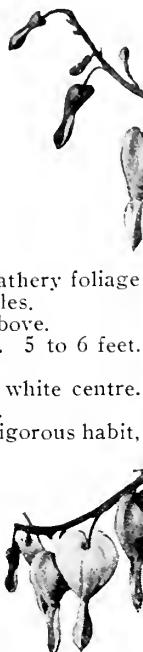
**D. formosum.** The old favorite dark blue with white centre. 3 to 4 feet high. Very vigorous, free-flowering.

**Gold Medal Hybrids.** The plants are of strong, vigorous habit, with large flowers in spikes two feet and over.

**King of Delphiniums.** One of the finest yet introduced; the plant is of remarkably strong growth, with flowers of gigantic size, semi-double and of a deep blue color, with large white eye. Price: 90c each, \$8.00 for ten.

**White Lady.** Pure white, strong grower.

Price each: 35c; \$3.00 for ten.



## DIANTHUS—PINK

**D. barbatus** (Sweet William). June and July. 20 inches. A fine old biennial, but one which perpetuates itself by self-sowing. The colors are very brilliant and effective. Double and single varieties mixed. Also in colors: crimson, white, Newport pink and Scarlet Beauty.

**D. plumarius** (Scotch Pink). June. 9 inches. Thick tufts of glaucous green foliage, and handsome, fragrant flowers.

**D. semperflorens.** Dark pink fragrant flowers of good size, with red centre. Foliage silvery and fine. 15 inches.



Delphinium—Larkspur

## DELPHINIUM "HOLLYHOCK"

See Specialties Page 5



Dicentra Spectabilis

## HARDY HYBRID GARDEN PINKS

**D. Annie Laurie.** One of the finest single flowering ever-blooming carnations yet introduced. It is constantly in flower, of a beautiful clear pink color, with wine-red eye.

**Canary Bird.** Double light yellow. 35c each; \$3.00 for ten.

**Carmen.** Light pink, very fragrant. Growth is rather dwarf; fine for the rock garden.

**Grenadin.** Scarlet. Bright scarlet, dwarf.

**Her Majesty.** White. Very large and double, fragrant.

**Homer.** Rosy-red, double, and fragrant. May and June. 1 ft. **Jean.** Pure white with deep violet crimson centre. Price: 35c each, \$3.00 for ten, \$25.00 for 100.

## DICENTRA—DIELYTRA

**D. eximia.** All Summer. 18 inches. A charming perennial, with fern-like foliage and drooping, purplish red flowers.

**D. spectabilis** (Bleeding Heart). April to July. Flowers heart-shaped in long racemes, rosy crimson. Fine for borders. 2 feet. Price: 60c each, \$5.00 for ten.

## DICTAMNUS—GAS PLANT

Price: 50c each, \$4.50 for ten

**D. fraxinella.** May and June. 2 to 3 feet. A very showy border perennial forming a bush, having fragrant foliage and spikes of curious red flowers, giving off during hot weather a fragrant volatile oil, which explodes when a match is applied.

**D. frax. var. alba.** May and June. White variety of above.

## DORONICUM—LEOPARDBANE

**D. Caucasicum.** Large yellow Marguerite like flowers in early Spring. May. 1½ to 2 feet. Price each: 50c; \$4.00 for ten.

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; \$20.00 for 100



Digitalis

**DIGITALIS—FOXGLOVE**

*D. ambigua*. June and July. 2 to 3 feet. A yellow-flowered Foxglove, quite hardy and easily grown.  
*D. gloxinæflora*. June and July. 3 feet. An excellent variety ranging in color from white to deep pink.  
*D. maculata superba*. Beautifully spotted. June-July. 3 ft.  
*D. monstruosa* (Mammoth Foxglove). Long spikes, enormous flowers, mixed colors.  
*D. purpurea*. June and July. 2 to 3 feet. Elegant spikes of beautiful tubular flowers of various shades of purple to white, and with variously colored, spotted throats.  
*D. var. alba*. June and July. 2 ft. Pure white.  
*D. rosea*. Pink. July. 3 feet.

**ECHINACEA—CONE FLOWER**

*E. purpurea*. A showy, strong-growing plant 2 to 4 feet high with flowers of great duration in August and September. Large, reddish purple flowers.

**ERIGERON—FLEABANE**

*E. aurantiacus* (Orange Fleabane). Large flowers of deep orange in large clusters.  
*E. speciosus* (Oregon Fleabane). Dark lilac flowers in abundance. July and August.

**ERYNGIUM—SEA HOLLY**

*E. amethystinum*. July and August. 3 feet. Has handsome, spiny, laciniate foliage and heads of flowers of a lovely amethystine blue.

**EULALIA—ORNAMENTAL GRASS**

See *Miscanthus*

**EUPATORIUM—THOROUGHWORT**

*E. cœlestinum* (Mist Flower). Light blue flowers similar to *Ageratum*. Sept. 2 feet. Price: 35c each; \$3.00 for ten.  
*E. urticæfolium* (Snow Thoroughwort). White flowers. 3 to 4 feet. August and September. Price: 35c each; \$3.00 for ten.

**FESTUCA—FESCUE**

*F. glauca* (Blue Fescue). Handsome, light, glaucous blue foliage. Fine for edging.

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; \$20.00 for 100

**FILIPENDULA—MEADOWSWEET**

*F. Camtschatica* (*Spiræa Gigantea*). July. White. 5 feet.  
*F. hexapetala* (*Spiræa Pendula*). May and June. Creamy white. 1½ feet.

**FUNKIA—PLANTAIN LILY—see HOSTA**  
**GAILLARDIA—BLANKET-FLOWER**

This plant deserves a more prominent position than has hitherto been accorded it. It is one of the most brilliant of all perennials and a constant bloomer from June until frost. It is hardy and thrives in any location.

*G. grandiflora*. Flowers large, crimson and gold. 2 feet. Blooming all season.

**GENTIANA—GENTIAN**

*G. Andrewsii* (Closed Gentian). The closed flowers are borne on top of the stems. Intense deep blue. Prefers moist situation. July to October.

*G. Cruciata*. An erect growing variety, flowers in clusters. Dark blue. June to August. Prefers full sunlight.

**GERANIUM—CRANE'S BILL**

*G. sanguineum*. Handsome, large, clear crimson flowers in profusion all Summer. 2 feet.

**GEUM**

*G. Lady Stratheden*. Large double flowers, a rich golden yellow from June to September. 2 feet. Price: 35c each, \$3.00 for ten.

*G. Mrs. Bradshaw*. Splendid variety. Double dark red flowers. Blooms all Summer. 2 feet. Price: 35c each, \$3.00 for ten.

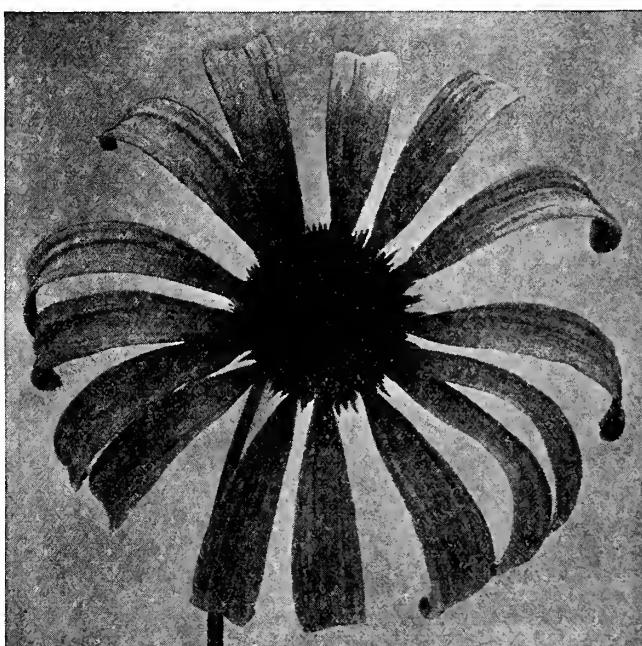
**GYPSOPHILA—BABY'S BREATH**

*G. paniculata*. When in bloom during August and September it forms a symmetrical mass 2 to 3 feet in height, and as much through, of minute pure white flowers, forming a beautiful gauze-like appearance. When cut it is exquisite in combination with other flowers.

*G. repens*. The creeping variety, suitable for rockery. White. 6 inches. June and July.

**GYPSOPHILA "Bristol Fairy"**

See Specialties Page 5.



Echinacea



Helleborus—Christmas Rose

**HELENIUM—SNEEZEWORT**

*H. autumnale*. Golden-yellow flowers during the late Summer and Autumn months. 5 to 6 feet.  
*H. rubrum*. A bright terra-cotta red variety. Each 35c; \$3.00 for ten.  
*H. Riverton Beauty*. Rich lemon-yellow, black centre. August and September. 4 feet.  
*H. Riverton Gem*. Deep yellow changing to red. On long stems. August and September. 5 feet.

**HELIANTHEMUM—SUN ROSE**

*H. chamaecistus*. Pale pink fading white. Trailing habit.

**HELIANTHUS—SUNFLOWER**

*H. multiflorus* fl. pl. soleil d'or. Deep yellow, large, double Dahlia-like flowers on wiry stems. 4 feet.  
*H. mollis*. Thick velvety foliage with silvery tinge. Lemon-yellow flowers. August and September. 4 to 5 feet.  
*H. persicæfolia*. The new Japanese sunflower. Magnificent semi-double variety. Perfectly hardy. About 6 feet tall. Splendid for cutting.

**HELIOPSIS—OX EYE**

*H. helianthoides* (lævis). Orange yellow. June to October. 4 feet.  
*H. Pitcheriana*. July to September. 3 feet. A choice, dwarf variety, of great value for cutting all through the Summer. Showy, deep orange-yellow flowers.

**HELLEBORUS—CHRISTMAS ROSE**

*H. niger*. Very large white flowers, flushed with purple. Flowers during February and March. Splendid for rock gardens. Plant is evergreen. 1 ft. Will force very easily. Each, \$1.50; \$14.00 for ten.

**HEMEROCALLIS—DAY LILY**

*H. flava* (Yellow Day Lily). The best known variety, very fragrant, deep lemon-yellow flowers in June and July. 2½ to 3 feet.  
*H. fulva* (Tawny Day Lily). Flowers orange. 2 to 3 feet. July and August.  
*H. fulva* Kwanso fl. pl. Double orange. July and August. 3 feet.  
*H. Thunbergii*. The latest to flower, rich buttercup-yellow, funnel-shaped flowers throughout July. 4 feet.

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; \$20.00 for 100

**HESPERIS—SWEET ROCKET**

*H. matronalis*. Pink. June to August. 2 to 3 feet.

**HEUCHERA—ALUM ROOT**

*H. rosea*. Large pink flowers. May to September. 18 inches.  
*H. sanguinea*. June to September. 18 inches. Very frequent flowering; bright crimson flowers, good for cutting, and a charming border or rock plant.

**HIBISCUS—MALLOW**

*H. Mallow Marvels*. A robust type of upright habit, producing an abundance of flowers of enormous size in all the richest shades of crimson, pink and white; mixed colors.  
*H. moscheutos* (Swamp Rose Mallow). Flowers 6 inches in diameter; of a light rosy-red color, with darker eye.  
*H. oculiroseus* (Crimson Eye Rose Mallow). Flowers of immense size, of the purest white, with a large spot of deep velvety crimson in the centre.

**HOLLYHOCK—see ALTHEA****HOSTA—PLANTAIN LILY**

Hardy plants with Lily-like flowers, forming dense clumps of foliage. They thrive in almost any rich soil with ample moisture, either in sun or shade.  
*H. lancifolia*. August. 2 feet. Deep green, lanceolate foliage and spikes of lilac flowers.  
*H. var. undulata variegata*. A form with undulate foliage, handsomely variegated with white. A fine foliage and edging plant.  
*H. ovata*. June. 2 feet. Elegant, broad, glossy, deep green foliage, vigorous growth, large spikes of lilac, trumpet-shaped flowers.  
*H. plantaginea grandiflora* (*subcordata grandiflora*). July to September. 2 feet. A fine pure white, large, trumpet-flowered and exceedingly fragrant species, with handsome, broad, light green foliage. Price: 50c each, \$4.50 for ten, \$38.00 per 100.

**IBERIS—CANDYTUFT**

*I. sempervirens* (Evergreen Candytuft). May and June. Of spreading habit; flowers pure white, completely covering the plant with bloom; one of the finest border plants. 1 foot.  
*I. Sempervirens* var. *Snowflake*. Snowy white flowers, compact growth, splendid for rock gardens.  
*I. tenoreana*. Foliage and stems hairy. The flat flower clusters are purple. 6 in. Price: 35c each, \$3.00 for ten.

**INCARVILLEA**

*I. Delavayi*. Flowers large trumpet-shaped, produced in clusters on stems 1½ to 2 feet long. Color is rose. Price: 50c each, \$4.00 for ten.



Hosta—Plantain Lily



German Iris

## GERMAN IRIS

German Iris is among the most desirable and most easily grown of our Spring-flowering hardy plants, producing in May showy flowers of exquisite coloring, combining the richest and most delicate tints. For best results plant in a well-drained, sunny position, barely covering the roots. German Iris needs sweet soil. In the following descriptions, S signifies the standards, or erect petals, F the falls, or drooping petals.

For Collections see page 138.

- Alcazar.** S, light-bluish violet. F, deep purple with bronze veined throat. Each 50c; \$4.00 for ten.
- Ambassadeur.** S, deep lavender suffused with bronze. F, maroon with purplish cast. One of the finest. Each \$1.00.
- Archevêque.** S, deep purple-violet. F, rich deep velvety violet. Fragrant. Each 35c; \$3.00 for ten.
- Aurea.** S and F, clear rich yellow. Each 30c; \$2.50 for ten.
- Ballerine.** A beautiful variety; flowers porcelain blue, with wavy margins. F, somewhat deeper in color. Fragrant. Each \$1.00.
- Caprice.** S, rosy red. F, deeper rosy red, very handsome. Each 30c; \$2.50 for ten.
- Cluny.** Very large flower. S, wistaria-blue. F, blue-velvet, with deeper shadings. Each 75c.
- Eldorado.** S, yellowish bronze, shaded with heliotrope. F, purple, shaded bronze. Each 35c; \$3.00 for ten.
- Fairy.** S and F, white, delicately bordered and suffused with soft blue. Each 30c; \$2.50 for ten.
- Florentina.** S and F, pale-blue. Each 30c; \$2.50 for ten.

- Foster's Yellow.** S and F, creamy yellow. Each 30c; \$2.50 for ten.
- Gagus.** S, light yellow. F, crimson, verticulated white and yellow, with clear yellow. Each 30c; \$2.50 for ten.
- Gerrick.** S, pale blue. F, deep violet-blue. Each 30c; \$2.50 for ten.
- Gracchus.** S, yellow. F, velvet-purple. Each 30c; \$2.50 for ten.
- Her Majesty.** S, rose-pink. F, crimson. Each 35c; \$3.00 for ten.
- Innocenza.** S and F, ivory white, crest rich golden yellow. Each 35c.
- Kharput.** S, violet-blue. F, dark blue. Each 30c; \$2.50 for ten.
- King of Iris.** S, yellow. F, dark brown, bordered yellow. Each 50c; \$4.00 for ten.
- Lent. A. Williamson.** S, lavender violet blended with yellow. F, velvety violet; golden beard. Each \$1.00.
- Lohengrin.** S and F, deep violet mauve. Each 50c; \$4.00 for ten.
- Lord of June.** S, Lavender-blue. F, rich violet purple. A beautiful variety. Each 75c.
- Lorelei.** S, light yellow. F, blue, bordered yellow. Each 35c; \$3.00 for ten.
- Magnifica.** S, light violet blue. F, long deep reddish violet reticulated brown; yellow beard. Each \$2.00.
- Mme. Chereau.** White, margined with blue. Each 30c; \$2.50 for ten.
- Mrs. Allan Gray.** Delicate pale rose mauve. Each 50c.
- Mrs. Gladstone.** S, white. F, tipped dark-purple and white striped. Each 30c; \$2.50 for ten.
- Mrs. Neubronner.** Very deep, golden yellow. Price each 35c; \$3.00 for ten.
- Mithras.** S, light yellow. F, wine-red, bordered yellow. Each 50c; \$4.00 for ten.
- Mother of Pearl.** S and F, pale bluish lavender, with faint creamy undertone. Large flowers of perfect form. Tall, strong grower, producing its wonderful flowers very freely. Each 75c; \$6.50 for ten.
- Murat.** S, fawn and coppery rose. F, crimson purple. Each 25c.
- Opera.** Very distinct. S, coppery-brown. F, wine-red, bronze-maroon pencilled with gold at base. Each 50c; \$4.50 for ten.
- Pallida Dalmatica.** S, clear lavender-blue. F, deep lavender. Each 35c; \$3.00 for ten.
- Pallida Khedive.** Soft lavender with distinct orange beard. Each 30c; \$2.50 for ten.
- Pallida speciosa.** S, violet-blue. F, purple. Each 30c; \$2.50 for ten.
- Pauline.** S, lavender. F, darker. Each 30c; \$2.50 for ten.
- Princess Victoria Louise.** S, light-sulphur yellow. F, rich violet-red, edged creamy white. Each 30c; \$2.50 for ten.
- Prosper Laugier.** S, light bronze-red. F, velvety ruby purple; orange beard. Each 50c; \$4.50 for ten.
- Purple King.** S, rich claret-purple. F, deep purple. Each 30c; \$2.50 for ten.
- Queen Caterina.** One of the finest. S and F, beautiful pure lavender blue. Each 75c; \$6.50 for ten.
- Queen of May.** S and F, bright rosylavender. Each 30c; \$2.50 for ten.
- Rhein Nixe.** S, pure white. F, violet-blue edged white. Each 35c; \$3.00 for ten.
- Rhein Traube.** S, light blue. F, rich dark purple, a very tall variety. Each \$1.00.
- Sherwin Wright.** Rich golden yellow. Each 35c; \$3.00 for ten.
- Tamerlane.** S, violet blue. F, darker. Each 25c.
- Wyomissing.** S, creamy white suffused delicate soft rose. F, deep rose base shading to a pale rose border. Each 35c; \$3.00 for ten.
- Mixed.** All colors. Each 30c; \$2.50 for ten.

## INTERMEDIATE IRIS

**Gerda.** S, creamy yellow. F, darker yellow, veined.  
Each 35c; \$3.00 for ten.  
**Halfdan.** S and F, creamy white, large flowers. Each  
35c; \$3.00 for ten.  
**Helge.** S and F, lemon yellow, pearly shading. Each  
35c; \$3.00 for ten.  
**Ingeborg.** Pure white, very large flowers. Each 35c.  
**Walhalla.** S, lavender. F, wine red. Each 35c; \$3.00  
for ten.

## JAPANESE IRIS

Price: Named Varieties, 50c each; \$4.00 for ten; \$36.00  
for 100. Mixed colors: 30c each; \$2.50 for ten;  
\$20.00 for 100.

**Circe.** Double dark violet blue, finely lined with white.

**Gold Bound.** Double white, enriched by a creamy  
glow from the gold banded center.

**Hercule.** Double clear lilac blue.

**Mahogany.** Large double flowers. Purpled  
mahogany red. The erect petals crested.

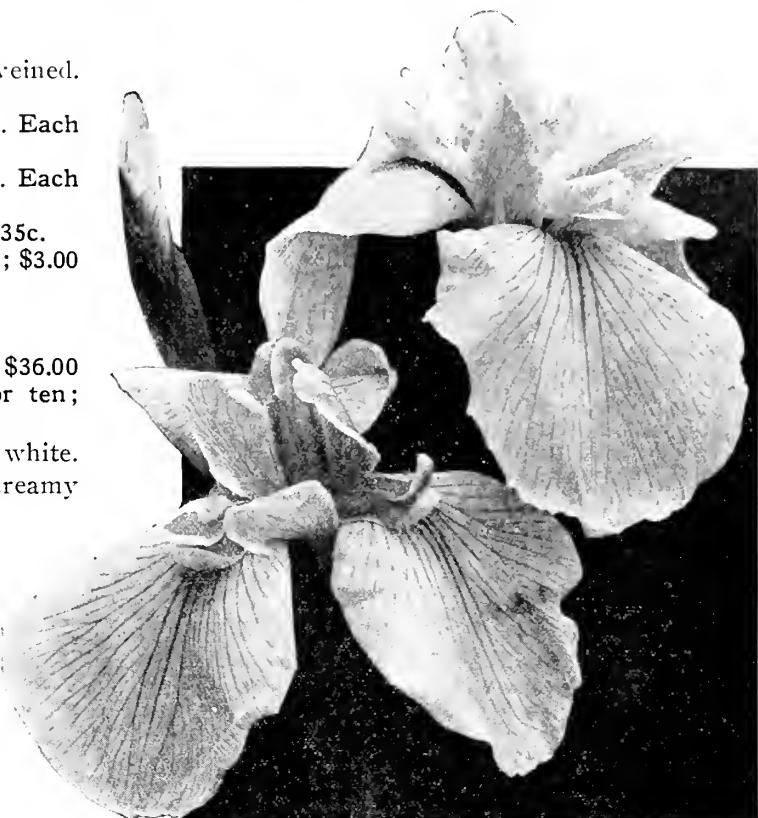
**Melpomene.** Double, soft blue, veined with  
dark blue.

**Koki-No-Iro** (Purple and Gold). Very  
double flowers often ten inches across,  
early and free-flowering; rich violet purple  
with white petals, tipped violet. Con-  
spicuous golden throat.

**Ski-No-Ryo.** Double blue and white.

**Uchiu.** Beautiful large flowers, on very  
long stems. Cerulean blue with golden  
center and white. One of the finest.

**Zama-No-Mori.** White, with a heavy azure  
blue zone. One of the daintiest of the deli-  
cate toned varieties.



Iris Kaempferi—Japanese Iris

## MISCELLANEOUS IRIS

Price: 30c each; \$2.50 for ten, except as noted.

**Iris pumila.** This interesting group of dwarf-growing  
Irises furnishes us with valuable material for bor-  
ders and edgings. They grow about nine inches  
high and bloom profusely.

**Atroviolacea.** Violet mauve to maroon red, very  
rich and valuable for planting as border of  
taller varieties.

**Aurea.** Very effective. Light yellow.

**Bride.** S and F. White, with light green and yel-  
low veins. Flowers are large and showy.

**Canary Bird.** S. Rich yellow. F. Same color as  
Standard, green markings. Orange beard.

**Coerulea.** A beautiful shade of pale blue, tinged  
with purple; very fine, specially in combina-  
tion with the yellow and white varieties.

**Sambo.** A very fine variety, somewhat taller than  
the others. S and F. a pure yellow.

**I. cristata** (Crested Iris). Dwarf, with blue flowers.

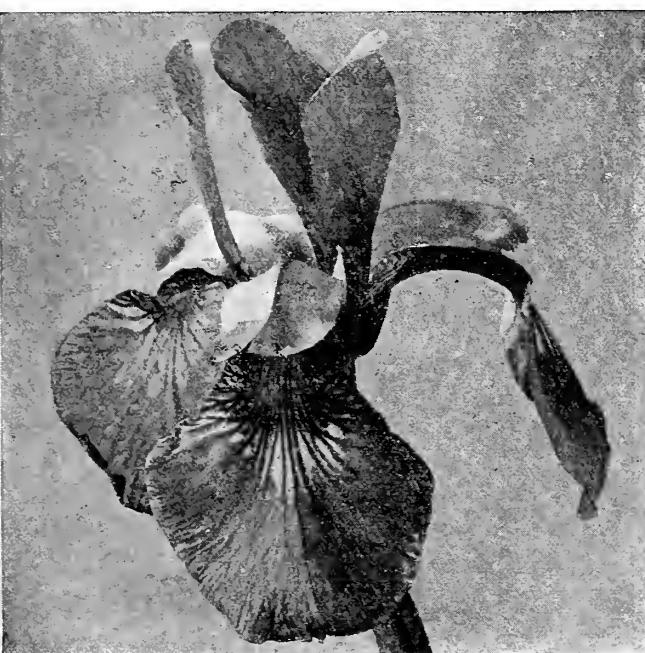
**I. Chrysographes** (Goldvein Iris). A beautiful Iris  
growing 3 feet, with purple flowers, more like the  
Japanese, flowers in July. Each 50c; 4.50 for ten.

**I. Pseudacorus.** June. 4 ft. The common yellow Wa-  
ter-Flag, suitable for marshes and water courses.

**I. Siberica orientalis.** June. 3 feet. Long narrow  
leaves, deep blue flowers. Fine for water garden.

**I. Siberica orientalis Snow Queen.** Flowers pure  
white.

**I. Versicolor.** Very showy violet blue.



Iris Siberica orientalis

**KNIPHOFIA—TORCHLILY**

*K. Pfitzerii* (*Tritoma*) (Red-hot Poker). Aug. to Oct. 4 feet. Produces extra-fine spikes of orange-scarlet flowers, with long, protruding anthers.

**LATHYRUS—PERENNIAL PEA**

*L. latifolius*. Large flowers similar to the annual sweet pea. Colors: White, purple and rose.

**LAVANDULA—LAVENDER**

*L. officinalis* (*vera*). This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant blue flowers in July and August.

**LIATRIS—GAY FEATHER**

*L. pycnostachya*. Spikes of light, rosy-purple flowers. 5 feet.

**LIMONIUM—SEA-LAVENDER**

*L. latifolia*. (*Statice*). Minute bright blue flowers produced in broad heads 18 to 20 inches across, adapted to cutting, as they keep long after being dried, and are very showy. 1 to 2 feet. July to September.

**LINUM—FLAX**

*L. flavum* (*Golden Flax*). Handsome light yellow flowers. 1 foot. June and July.

*L. perenne*. May to August. 18 inches. Handsome, light blue flowers.

**LOBELIA—CARDINAL FLOWER**

*L. cardinalis*. August and September. 3 feet. One of the finest scarlet hardy plants we have, and of easy cultivation, even in clay soils.

*L. siphilitica*. September. 2½ feet. Close spikes of showy, deep blue flowers.

**LUPINUS—LUPIN**

*L. polyphyllus*. June and July. 2 to 5 feet. Deep blue, pea-shaped flowers in long spikes.

*L. var. albus*. July and August. 4 feet. The white variety, fine, bold, showy.

*L. var. rosea*. Strong spikes of soft rose-pink flowers. 3 feet.

*L. Sutton's Pink*. New, strong spikes of Salmon pink flowers. Price each: from 3 in. pots, 50c; \$4.50 for ten.

**LYCHNIS—CAMPION**

*L. chalcedonica*. A most desirable plant, heads of brilliant orange-scarlet, grows 2 to 3 feet high and blooms all Summer.

*L. coronaria* (*Rose Campion*). June to August. Rose crimson flowers. 2 feet.

*L. floscuculi* (*Ragged Robin*). May to August. Loose clusters of red or pink flowers. 1 to 2 feet.

*L. flos Jovis* (*Flower of Jove*). June and July. Forms a pretty, symmetrical bush, with soft downy foliage, and clusters of bright rose colored flowers. 12 to 18 inches.

*L. Haageana*. Brilliant orange-scarlet flowers in May and June. 12 inches.

*L. viscaria splendens* fl. pl. Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome, double rose pink, fragrant flowers.

**LYSIMACHIA**

*L. cletheroides*. A very hardy variety, with long spikes of white flowers. 2 feet. July to September.

*L. nummularia* (*Money-wort*). June to September. 2 inches. Deep yellow flowers. Excellent to cover bare spots in partial shade. Price: 25c each, \$2.20 for ten, \$18.00 for 100.

**LYTHRUM**

*L. salicaria roseum*. (*Rose Loose-strife*). A strong-growing plant, 3 to 4 feet high, thriving in almost any position, producing large spikes of rose-colored flowers from July to September.

**MALVA—MALLOW**

*M. moschata*. June to September. 2 feet. Fragrant flowers in clusters of a rosy tint, and very showy.

**MENTHA—MINT**

*M. peperita* (*Mint*).

*M. spicata* (*Spearmint*).

**MERTENSIA**

*M. Virginica* (*Virginia Bluebells*). The funnel shaped flowers are of a beautiful blue, coming into bloom with the Darwin Tulips. They should not be disturbed when once planted.

**MISCANTHUS—EULALIA**

*M. sinensis* (*Eulalia Japonica*). Ornamental grass, foliage light green. 5 to 6 feet. Price: 35c each, \$3.00 for ten.

**MONARDA—BEE BALM**

*M. didyma*. June to September. 3 feet. Large, brilliant scarlet flowers in profusion.

*M. Cambridge scarlet*. Bright scarlet flowers.

**MYOSOTIS—FORGET-ME-NOT**

*M. scorpioides* (*The True Forget-me-not*). Delicate blue flowers with yellow centres, appearing all Summer.

**NEPETA**

*N. mussini*. An excellent plant for the rock garden. It is compact and dwarf, producing a large number of lavender flowers. Price: 35c each, \$3.00 for ten.

**OENOTHERA—EVENING PRIMROSE**

*OE. fruticosa* *Youngi*. June to August. 2 feet. A useful border plant, exceedingly free, with golden yellow flowers.

*OE. Missouriensis*. Large, yellow flowers. June to August. 10 inches. Each, 35c; \$3.00 for ten.

*OE. speciosa*. May to September. 2 feet. A splendid border plant, with large, pure white flowers.

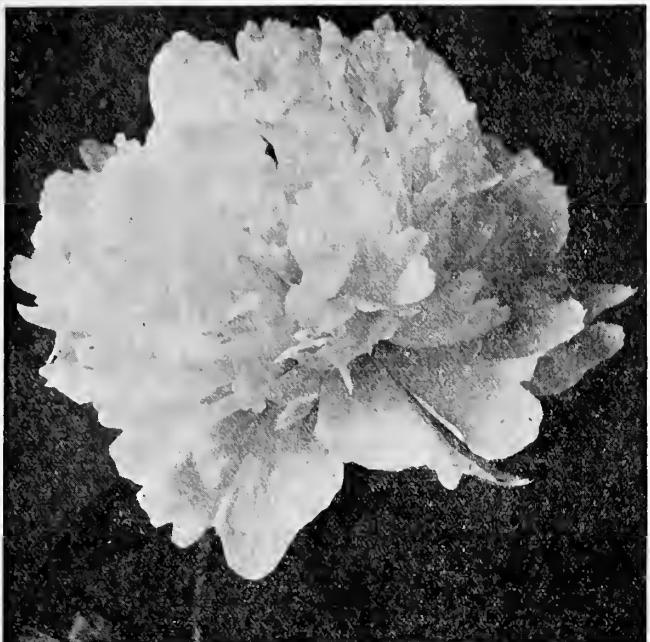
**PACHYSANDRA—JAPANESE SPURGE**

*P. terminalis*. An attractive evergreen trailing plant, thriving in almost any location. A most desirable cover plant for shaded spots. Price: 30c each, \$2.50 for ten; \$18.00 for 100.



Papaver Nudicaule

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; \$20.00 for 100



Festiva Maxima

## PAEONIES

Paeonies should be planted in good, rich, deep soil, after which they require less attention than any other class of flowering plants. They are perfectly hardy and their remarkable freedom from disease and insects makes them most desirable. In color the Paeony rivals the Rose in beauty, ranging from pure white to darkest red.

Paeonies should be planted in the Autumn or before May first. *Asa Gray*. Milk white, with carmine dots; effect is delicate pink. Each, \$1.50.

*Boule de Neige*. Milk-white, centre flecked crimson. Each, 75c. *Couronne d'Or*. Pure white, with circle of golden stamens. Each, 75c.

*Delachie*. Violet crimson, tipped silver. Each, 75c.

*Dorchester*. Delicate pink, late. Each, 75c.

*Duchesse de Nemours*. White centre, petals sulphur yellow, early midseason. Each, 75c.

*Edulis Superba*. Mauve pink, early. Each, 75c.

*Felix Crousse*. Deep ruby red, very fine. Each, \$1.00.

*Festiva Maxima*. Large, ivory white, flaked crimson. Each, 75c.

*Francois Ortegat*. Semi-double, large purplish-crimson bloom, with brilliant golden-yellow anthers. Each, 75c.

*Humei*. Cherry pink, with silver tips. Each, 75c.

*Karl Rosefield*. Brilliant deep crimson, large, very full flowers on long, stiff stems. Midseason. Each, \$1.50.

*La Tulipe*. Lilac white, striped crimson. Each, 75c.

*Livingstone*. Soft rosy pink, silvery reflex. Best late pink. Each, \$1.50.

*Louis Van Houtte*. Dark crimson, very double. Each, 75c.

*Meissonnier*. Very brilliant purple-red. Early. Each, 75c.

*Mons. Jules Elie*. Glossy pink, shading into deeper rose at the base; large, globular flowers on long stems. Midseason. Each, \$1.50.

*Monsieur Martin Cahuzac*. Dark garnet or maroon. The darkest Paeony. Each, \$5.00.

*Officinalis Alba plena*. Large white flowers, double, very early. Each, \$1.00.

*Officinalis Rosea-plena*. Soft bright pink, very early. Each, 1.00.

*Officinalis rubra plena*. Large double flowers, dark crimson. Very early. Each, \$1.00.

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; \$20.00 for 100

*Reine Hortense*. Light shell pink, center flecked crimson, large, well formed flowers, very fragrant. Midseason. Each, \$1.50. *Rosea plena superba*. Delicate pink and salmon, very full flower. Each, 75c.

*Rubra superba*. Dark crimson, good form and color, late. Each, 75c.

*Sara Bernhardt*. Very large, beautiful formed flowers. Delicate shell pink. Late. Each, \$3.50.

*Solange*. Delicate orange salmon, overlaid with tender blush; an unusual shade, not found in any other paeony. Very large and full. One of the finest. Midseason. Each, \$3.50.

*Tenuifolia fl. pl.* Dark crimson, very early, finely cut foliage. Each, \$1.00.

*Therese*. Satiny pink, changing to lilac white in the centre with glossy reflex, enormous compact flowers. One of the best pink Paeonies. Midseason. Each, \$3.50.

*Walter Faxon*. Pure light salmon pink, deepening toward center, very distinct and unusual shade. Midseason. Each, \$5.00

## CHOICE JAPANESE SINGLE PAEONIES

Splendid for cut blooms, lasting well when cut.

*Cornelia*. Pure white, narrow yellow petals in centre. Each, \$2.50.

*Emma*. Pure rose color, narrow petals in centre. Each, \$3.00.

*Eva*. Reddish rose, narrow yellow and rose petals in centre. Each, \$2.50.

*Jacqueline*. Pure glossy white, with narrow light yellow petals in centre. Each, \$2.50.

*Mikado*. Dark brilliant crimson petals, centre cushion of golden yellow petals, crimson edged. Each, \$2.50.

## PAPAVER—POPPY

There is no class of hardy plants which has risen so much in public favor as the perennial Poppies, all of which are most striking and useful. They flower from the beginning of June to October.

*P. nudicaule* (Iceland Poppy). All Summer. Flowers of a bright cheerful yellow. 1 foot.

*P. orientale*. June. 3 feet. The large Oriental Poppy. A bold and showy perennial, producing numerous slender stems 2½ feet high, with large, crimson-scarlet flowers.

*P. or. var. Goliath*. Oriental-red. Price: 35c each, \$3.00 for ten.

*P. or. var. Mrs. Perry*. Salmon-pink. Price: 35c each, \$3.00 for ten.

*P. or. var. Oriflamme*. Orange-scarlet. Price: 35c each, \$3.00 for ten.

*P. or. var. Perry's White*. Pure white. Price: 50c each.

## PENTSTEMON—BEARD TONGUE

*P. Torreyi*. July. 4 feet. Stately, brilliant, with long, loose panicles of bright scarlet flowers.

## PHYSALIS—LANTERN PLANT

*P. francheti*. October. 2 feet. Large red pods.

## PHYSOSTEGIA—FALSE DRAGON-HEAD

*P. Virginiana*. One of the most beautiful of our mid-Summer flowering perennials, forming dense bushes 3 to 4 feet high, bearing spikes of delicate pink tubular flowers.

*P. Virginiana alba*. Pure white variety of the preceding.

## PLATYCODON—BALLOON FLOWER

*P. grandiflora*. July to October. 1 to 3 feet. Large, showy, deep blue flowers.

*P. var. alba*. Similar to the above, but with pure white flowers.

*P. var. Mariesii*. A dwarf form of the above with broad foliage and larger deep violet-blue blossoms. 1 foot.

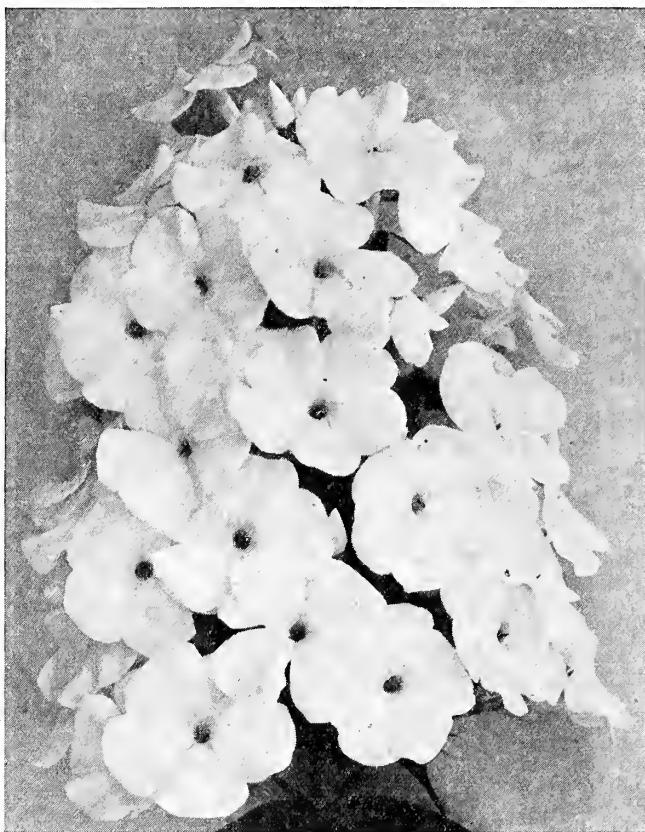
## PLUMBAGO—see CERATOSTIGMA

## POLEMONIUM

*P. cœruleum* (Jacob's Ladder). May to July. Light blue. 18 in.

*P. humile* (Dwarf Polemonium). 8 inches. Bright blue.

*P. reptans* (Creeping Polemonium). April to June. Bright blue. 6 inches.



Phlox

## HARDY PHLOX

For Collections see page 138

- Albion.** White, faint pink eye.
- Annie Cook.** Flesh-pink, fragrant.
- B. Compte.** Rich, French-purple, late.
- Beacon.** Brilliant cherry-red. Each 35c; \$3.00 for ten.
- Bridesmaid.** White, crimson centre.
- Cameron.** Soft pink, suffused with white.
- Coquelicot.** Scarlet, crimson eye.
- Eclaireur.** Rosy magenta.
- Elizabeth Campbell.** Light salmon, pink centre. Each 35c; \$3.00 for ten.
- Enchantress.** Bright salmon-pink, with dark red eye. Each, 35c; \$3.00 for ten.
- Eugene Danzan Villiers.** Lilac-blue, white centre.
- F. A. Buchner.** Large, pure white.
- Fernand Cortez.** Deep crimson.
- Gen. von Heutz.** Bright Salmon Red, white centre.
- Gladstone.** Large, rose color, red eye.
- Glenwood.** Clear bright red.
- Jeanne d'Arc.** Pure white, tall.
- Le Mahdi.** Deep velvety purple, large spikes. Each, 35c; \$3.00 for ten.
- L'Esperance.** Lavender pink, white centre.
- Lothair.** Bright crimson.
- Mme. Paul Dutrie.** Soft pink.
- Miss Lingard.** Early, white, tall.
- Nana Cœrulea.** Lavender blue.
- Pantheon.** Bright carmine-rose.
- R. P. Struthers.** Purplish salmon.

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; \$20.00 for 100

- Rosenberg.** Reddish-violet.
- Rynstrom.** Strong grower, heavy trusses of carmine rose.
- Selma.** Pink, cherry-red centre.
- Sir Edwin Landseer.** Bright crimson.
- Stella's Choice.** Pure white, tall.
- Thor.** Beautiful shade of deep salmon pink with red eye.
- Von Hochberg.** Brilliant red.
- Von Lassburg.** Splendid tall variety, large trusses, pure white.
- W. C. Egan.** Delicate lilac.
- Mixed.** All colors.

### OTHER VARIETIES OF PHLOX

- Price: 25c each, \$2.20 for ten, \$18.00 for 100.
- P. amoena.** Dwarf, deep pink. Each, 30c; \$2.50 for ten, \$20.00 for 100.
- P. divaricata.** Blue phlox. Price each: 40c, \$3.00 for ten, \$25.00 for 100.
- P. ovata.** Purplish-red. Each, 30c; \$2.50 for ten, \$20.00 for 100.
- P. subulata.** Moss pink.
- P. subulata Moerheimi.** Beautiful pink lavender. Compact grower.
- P. var. alba.** White.

### POLYGONATUM—SOLOMON'S SEAL

- P. commutatum.** Panicked racemes of drooping flowers on very long stems. 2 to 3 feet.

### PRIMULA—PRIMROSE

- P. officinalis hybrida** (Cowslip). April and May. 6 to 12 inches. These vary in color ranging from crimson to deep yellow and pure white. They are more at home in a frame.
- P. veris.** A giant-flowered form, producing individual flowers from 1 to 2 inches across; in color they are a bright canary-yellow with a golden centre; perfectly hardy.
- P. vulgaris** (English Primrose). An old favorite, and should be found in every garden; one of the earliest Spring flowers; of bright canary-yellow; very fragrant.
- P. Japonica.** Large purple-crimson flowers on long stems. June.

### PYRETHRUM—FEVERFEW

- P. double hybrids.** Double flowers including all shades of pink and white. Price each, 75c.
- P. roseum.** They include all colors from deep red, various shades of pink to pure white.

### RANUNCULUS—BUTTERCUP

- R. acris fl. pl.** Double buttercup. Golden yellow flowers. 1 foot. May and June.

### RUDBECKIA—CONE-FLOWER

- R. laciniata var. Golden Glow.** It is a strong, robust grower, attaining a height of 5 to 6 feet, and produces masses of double golden-yellow Cactus-Dahlia-like flowers from July to September.
- R. speciosa (Newmanni).** Dark orange-yellow flowers, with deep purple cone, borne on stiff, wiry stems; 3 feet high. Flowers from July to October.

### SALVIA—MEADOW SAGE

- S. argentea.** Grown for its large, ornamental, silvery-white foliage, flowers white. June. 2 feet.
- S. azurea.** A Rocky Mountain species, grows 2 to 3 feet high, producing during August and September pretty sky-blue flowers in the greatest profusion.
- S. pratensis.** Showy spikes, 2 to 3 feet high, of deep blue flowers, from June to September.
- S. Greggii.** Masses of brilliant carmine flowers. Needs protection during winter.

**SANTOLINA**

**S. incana.** Dwarf evergreen perennial, foliage silvery white, flowers yellow; fine for rockery. July-August. 1½ to 2 ft.

**SAXIFRAGA**

**S. cordifolia** (Heartleaf Saxifrage). Large, leathery foliage, deep green in Summer, turning to bronze in Winter. Fine plant for rockeries. Pink flowers on spikes about 1 foot long. Price: 35c each, \$3.00 for ten.

**SCABIOSA**

**S. Caucasica.** July to September. 18 inches. Flowers soft, lilac-blue shade. It is a vigorous grower, thoroughly hardy, and very free blooming. 35c each, \$3.00 for ten.

**SEDUM—STONE-CROP****DWARF VARIETIES**

**S. acre** (Golden Moss). Foliage green, flowers bright yellow, S. album. Green foliage, white flowers.

**ERECT, or TALL-GROWING VARIETIES**

**S. spectabile.** One of the prettiest erect-growing species, attaining a height of 18 inches, with broad light green foliage and heads of handsome showy rosy-crimson flowers.

**S. spec. var. Brilliant.** A rich colored form of the preceding, being a bright amaranth-red.

**TRAILING VARIETIES**

**S. dasypyllosum.** (Leafy stone crop). Dwarf compact variety. 35c each, \$3.00 for ten.

**S. Hispanicum.** Foliage greenish gray turning reddish. Flowers pinkish white. 3 to 4 inches.

**S. lydium.** Evergreen variety, foliage bronze, flowers pink. Price each, 35c; \$3.00 for ten.

**S. stoloniferum.** A flat trailing variety pink flowers.

**SHASTA DAISIES**

**Alaska.** Large pure white. All Summer.

**King Edward.** White. 3 ft. All Summer.

**SIDALCEA**

**S. var. Rosy Gem.** Showy pink flowers on wiry stems in June and July. 2 to 3 feet.

**SPIRAEA—GOAT'S BEARD, see ASTILBE****STACHYS—BETONY**

**S. lanata.** Wooly white foliage, purple spikes. 18 inches.

**STATICE—Sea Lavender—see Limonium Latifolium.**

**STOKESIA—CORNFLOWER ASTER**

**S. laevis (cyanæa).** Grows from 18 to 24 inches high, bearing freely from early in June until October its handsome lavender-blue Cornflower-like blossoms.

**THALICTRUM—MEADOWRUE**

**T. aquilegifolium** (Columbine Meadowrue). Graceful foliage like the Columbine. Flowers white on long stems. 1 to 3 feet. May and June.

**T. minus adiantifolium** (Maidenhair Meadowrue). Dwarf variety, with greenish yellow flowers. 1 to 2 feet. June.

**THYMUS—THYME**

**T. citrodorus.** Deep pink.

**T. serpyllum coccineum** (Crimson Thyme). Dark green foliage, bright red flowers which cover the entire plant.

**T. vulgaris.** June and July. 6 inches. An old garden plant being grown as a sweet herb; flowers small, lilac, or purplish, in terminal, interrupted spikes; foliage very fragrant.

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; \$20.00 for 100

**TRADESCANTIA—SPIDER WORT**

**T. Virginiana.** Gives a succession of blue flowers all Summer.

**TRILLIUM—WOOD-LILY**

**T. grandiflorum.** May. 9 inches. Large, white flowers which are very handsome. Can be domesticated in any garden, and is worthy of culture everywhere. Price: 25c each, \$2.20 for ten, \$18.00 for 100.

**TRITOMA—see Kniphofia****TROLLIUS—GLOBE FLOWER**

Price: 50c each, \$4.00 for ten, \$36.00 for 100.

**T. Europæus.** Large, globular, lemon-colored, buttercup like flowers on long stems. 18 inches.

**T. Eur. var. Orange Globe.** A strong, sturdy grower, with large, globular flowers, of a rich deep, glowing orange. Free-blooming. 2 feet.

**TUNICA**

**T. saxifraga.** June to August. 6 inches. A good rock plant, with small, rosy white flowers and delicate foliage.

**VALERIANA**

**V. officinalis** (Garden Heliotrope). Showy heads of light pink flowers. Fragrant foliage deeply cut. 3 to 4 feet. June-July.

**VERONICA—SPEEDWELL**

**V. longifolia subsessilis.** August and September. 2 feet. Flowers in dense, erect spikes, a foot in length and from 4 to 5 inches in circumference, of a deep, rich blue. 40c each, \$3.50 for ten.

**V. repens** (Creeping Speedwell). Fine for rockeries covered with blue flowers in early Spring. 35c each, \$3.00 for ten.

**V. spuria (amethystina).** June. 12 inches. Flowers amethyst-blue, on short spikes.

**V. spicata.** June to August. 2 to 3 feet. Long spikes of small, blue flowers.

**V. rupestris.** May and June. 4 inches. Creeping habit, and one of the best for carpeting rockeries or bare places. Flowers showy blue in dense spikes.

**VINCA—MYRTLE**

**Vinca minor.** April to June. Of a creeping habit, with evergreen foliage and bright flowers; finely adapted to covering bare spots and very shady places where grass will not grow. Green foliage; strong-grower; flowers blue. Price: 25c each, \$2.20 for ten, \$18.00 for 100.

**VIOLA—VIOLET**

**V. cornuta.** April to August. 9 inches. Dark purple.

**V. var. alba.** April and May. 6 inches. Large, white-flowered variety and constant bloomer. Useful as a border plant.

**V. var. atropurpurea.** All Summer. 8 inches. Identical with the type, except that the flowers are a rich dark purple.

**V. odorata** (Double Russian). A hardy variety with large double flowers early in the Spring, very fragrant.

**V. Jersey Gem.** A recent introduction. Has the dwarf habit of *Viola cornuta*, but is stronger and more bushy. Color is pure rich velvet, and slightly fragrant. Perfectly hardy. Price: 35c each, \$3.00 for ten, \$25.00 for 100.

**VIOLAS or TUFTED PANSIES**

Price: 25c each, \$2.20 for ten, \$18.00 for 100.

**Admiration.** Soft purple, with dark blotch.

**Lutea Splendens.** Rich golden yellow.

**White Perfection.** A fine white.

**YUCCA—ADAM'S NEEDLE**

**Y. filamentosa.** Immense clusters of creamy flowers. 4 to 5 feet. June and July. Price: 35c each, \$3.00 for ten.

# SUMMER BEDDING PLANTS

Pot-grown for planting after the first of May.

## ABUTILON

For twelve, \$3.00; for 100, \$20.00.

## AGERATUM—Floss Flower

Frazeri. Choice dark-blue. For twelve, \$1.50; for 100, \$10.00.

## ALYSSUM—SWEET ALYSSUM

Little Gem. Dwarf white for edging. For twelve, \$1.00; for 100, \$7.00.

## ANTIRRHINUM—SNAPDRAGON

Breck's Large Flowered. In colors pink, scarlet, white and yellow. For twelve, \$1.50; for 100, \$10.00.

Nelrose. Beautiful pink. For twelve, \$1.50; for 100, \$10.00.

## ASTERS

American Branching. White, pink, light-blue and scarlet. For twelve, 50c; for 100, \$3.50.

Giant Crego. Lavender, blue, shell-pink and white. For twelve, 50c; for 100, \$3.50.

## BEGONIA

Gloire de Chatelaine. Rose-color. For twelve, \$2.00; for 100, \$15.00.

Gracilis. White, red, and pink. For twelve, \$2.00; for 100, \$15.00.

New Scarlet (Bonfire). For twelve, \$2.00; for 100, \$15.00.

Tuberous-rooted. Grows best in partial shade. A wide range of colors, both double and single flowers. For twelve, \$5.00; for 100, \$40.00.

## BELLIS PERENNIS—DAISY

English. Finest mixed. For twelve, \$1.50; for 100, \$10.00.

## CALADIUM—ELEPHANT'S EAR

Esculentum. Strong plants. For twelve, \$3.50; for 100, \$25.00.

## CALENDULA—POT MARIGOLD

Meteor. Orange, cream center. For twelve, \$1.50; for 100, \$10.00.

Prince of Orange. Extra good. For twelve, \$1.50; for 100, \$10.00.

## CARNATION

Marguerite. Finest mixed. For twelve, \$2.00; for 100, \$15.00.

## CELOSIA—COCKSCOMB

Dwarf. Crimson or yellow. For twelve, \$1.50; for 100, \$10.00.

Plumosa. Crimson or yellow. For twelve, \$1.50; for 100, \$10.00.

## CENTAUREA—DUSTY MILLER

Candidissima. Silvery foliage. For twelve, \$1.50; for 100, \$10.00.

Cyanus. (Bachelor's Button). Blue. For twelve, \$1.50; for 100, \$10.00.

## COBAEA—CUP-AND-Saucer VINE

Scandens. Rapid climbers, 12 feet. For twelve, \$3.00; for 100, \$20.00.

## COLEUS—FLAME NETTLE

For twelve, \$1.50; for 100, \$8.00.

Dr. Ross. Leaves crimson edged with green. Golden Bedder. Fine yellow.

Queen Victoria. Crimson, golden edge. Verschaffelti. The popular crimson.

## COSMOS

Early-flowering. White, pink, and red. For twelve, \$1.50; for 100, \$10.00.

## CUPHEA—CIGAR PLANT

Platycentra. Scarlet tube-shaped flowers. For twelve, \$2.00; for 100, \$12.00.

## DRACAENA INDIVISA

Choice Selected Plants. Each 75c.

Larger Plants. Each, \$1.00.

## FUCHSIA

Various Colors. Double and single. For twelve, \$3.50; for 100, \$25.00.

## GERANIUMS

Prices: \$3.00 for twelve, \$20.00 for 100.

Alliance (Double, Ivy-leaved). Lilac white.

Alphonse Ricard (Semi-double). Bright vermillion-scarlet.

Annie Vincent (Semi-double). Bright pink.

Beaute Poitevine (Semi-double). Light salmon-pink. A great favorite.

Double Dryden. (Double). Coral-white, shading through lilac to crimson.

La Favourite. The finest double white, continuous bloomer.

Mme. Salleron. Variegated-leaved; dwarf, for borders and edging.

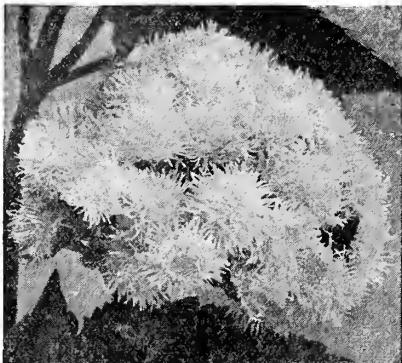
Mrs. Lawrence. (Semi-double). Pale salmon-pink.

Radio Red (Double). Dazzling, dark scarlet.

Rycroft's Surprise (Ivy-leaved). Clear rose-pink.

S. A. Nutt (Double). Rich, dark crimson, free flowering.

Sweet Scented. Rose, Lemon, etc.



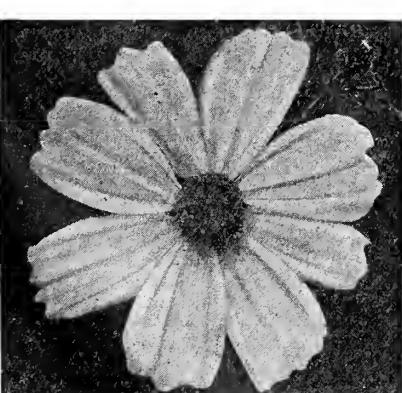
Ageratum



Aster



Calendula



Cosmos

**HELIOTROPE**

*Centefleur.* Rich, deep violet. For twelve, \$2.50; for 100, \$15.00.

**IVY**

*English.* Small pot-plants for window-boxes. In 4-inch pots, 75c each; \$7.50 for twelve. Larger plants, \$1.00 to \$3.00 each.

**LANTANA**

*Alba Perfecta.* Best white. For twelve, \$2.50; for 100, \$15.00.

*Craigii.* Rich orange-scarlet. For twelve, \$2.50; for 100, \$15.00.

*Mere Jaune.* Deep golden-yellow. For twelve, \$2.50; for 100, \$15.00.

*Rosea.* Rosy-lilac. For twelve, \$2.50; for 100, \$15.00.

**LEMON VERBENA**

Fragrant foliage. For twelve, \$3.00; for 100, \$18.00.

**LOBELIA**

*Crystal Palace compacta.* Dwarf dark-blue. For twelve, \$1.50; for 100, \$10.00.

*Gracilis.* Trailing dark blue. For twelve, \$1.50; for 100, \$10.00.

**MARGUERITE**

*White and Yellow.* For twelve, \$3.50; for 100, \$25.00.

**MARIGOLD**

Dwarf French. For twelve, \$1.50; for 100, \$10.00.

Giant African. Lemon and orange. For twelve, \$1.50; for 100, \$10.00.

**MATRICARIA—FEVERFEW**

Double White. Free flowering. For twelve, \$2.00; for 100, \$15.00.

**MIGNONETTE**

*Machet.* Sweet Scented. For twelve, \$1.50; for 100, \$10.00.

**MYOSOTIS—FORGET-ME-NOT**

For twelve \$1.00; for 100, \$8.00.

**NICOTIANA—TOBACCO PLANT**

*Affinis.* Pure white flowers. For twelve, \$1.50; for 100, \$10.00.

*Alata.* Pink flowers. For twelve, \$1.50; for 100, \$10.00.

**PANSIES**

Giant, Mixed or in colors. Baskets, 35c each; plants, for twelve 50c; for 100, \$4.00.

**PETUNIA**

Double. Assorted colors. Each, 25c; for twelve, \$2.50, for 100, \$18.00.

Ruffled Giant. Single, fine markings. For twelve, \$1.50; for 100, \$10.00.

Rosy Morn. Bright rosy-pink. For twelve, \$1.50; for 100, \$9.00.

Breck's Velvetty Violet Blue. A great acquisition to the Petunia family; must be seen to be appreciated. For twelve, \$2.00; for 100, \$15.00.

New Lavender. A beautiful variety of the type of Rosy Morn; color a deep lavender; very free flowering. For twelve, \$2.00; for 100, \$15.00.

**PHLOX**

*Drummondi.* Four colors. For twelve, \$1.50; for 100, \$10.00.

**RICINUS—CASTOR OIL BEAN**

Green or Red. For twelve, \$2.00; for 100, \$15.00.

**SALPIGLOSSIS**

Grand Mixed or separate colors. For twelve, \$1.75; for 100, \$12.00.

**SALVIA—SCARLET SAGE**

*Splendens (Bonfire).* Bright scarlet. For twelve, \$1.75; for 100, \$10.00.

*Zurich.* Dwarf scarlet. For twelve, \$1.75; for 100, \$10.00.

**SCABIOSA—MOURNING BRIDE**

Finest Mixed. For twelve, \$1.50; for 100, \$10.00.

**STOCKS—CUT-AND-COME AGAIN**

Lexington Strain. In colors. For twelve, \$1.50; for 100, \$10.00.

**TORENIA**

*Fournieri.* Dwarf blue, for edging. For twelve, \$1.75; for 100, \$12.00.

**VERBENA**

Breck's Mammoth. Pink, white, blue, scarlet. For twelve, \$1.50; for 100, \$10.00.

Mayflower. A New Verbena. Exquisite pink of the shades found in the Trailing Arbutus, with flowers double the size of any other variety. A robust grower, and a sensation wherever shown. Fragrant. 25c each; \$2.50 for twelve.

**VINCA—PERIWINKLE**

*Major Variegata.* Variegated-leaved trailer for vases and boxes. 4 inch pots. Each 40c; for twelve, \$4.50; for 100, \$30.00.

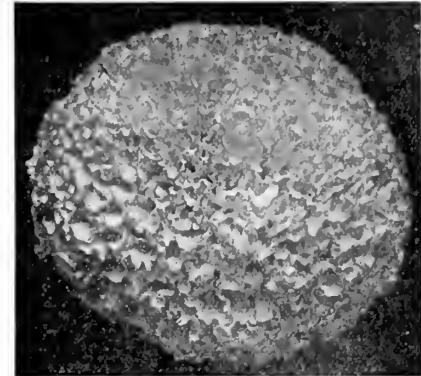
*Rosea.* Red and white. For twelve, \$2.00; for 100, \$15.00.

**WALLFLOWER**

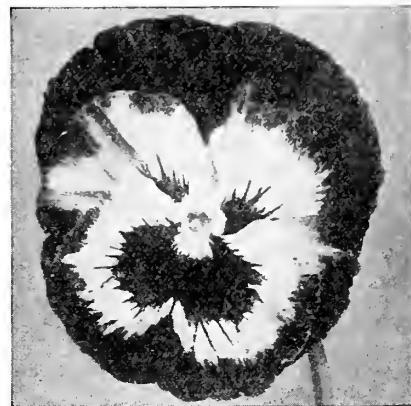
Mixed colors. For twelve, \$2.00; for 100, \$15.00.

**ZINNIA**

Breck's Prize Strains. White, pink, yellow, and scarlet. For twelve, \$1.50; for 100, \$10.00.



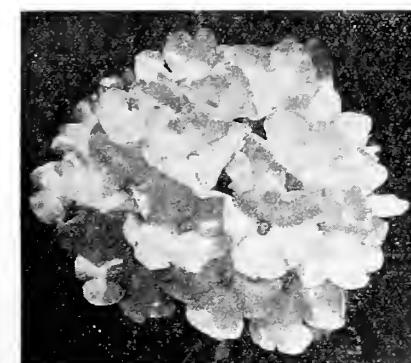
Marigold



Pansy



Salvia



Verbena

# FRUIT TREES AND SMALL FRUITS

The ground in which fruit trees are to be planted should be well drained, and well prepared by the addition of stable manure or fertilizer thoroughly mixed with the soil. Before planting the trees, see that all broken roots are properly pruned, and cut back all of the top branches to within two or three buds from the base of the shoot, thus lessening the strain upon the roots. Peaches should be pruned so as to leave just a

## APPLES

The following list of Apples embraces varieties which have been tested, and can be recommended as the very best for general cultivation. All Apples are furnished in Standard sizes unless Dwarf trees are specified.

Varieties marked **•** supplied also in Dwarf trees at the same price.

Prices except as noted: 2 year trees, 5 to 7 ft. \$1.00 each, \$9.00 for ten, \$80.00 for 100; Extra size 3 years and older \$3.00; varieties on application.

### SUMMER

**•Early Harvest.** Moderate growth, medium to large; yellow, tender, rather acid. Ripens in August.

**Golden Sweet.** Free growth, large, yellow, tender, sweet, rich. Ripens in August and September.

**•Red Astrachan.** Free growth, large, roundish, deep crimson, juicy, rather acid, very hardy; highly esteemed on account of its fine appearance, earliness, and hardiness. Ripens in August.

**Williams' Favorite.** Moderate growth, large, oblong, red, rich, excellent. Ripens in August.

**Yellow Transparent.** A very early apple; very hardy and a good grower, skin a beautiful pale yellow, the fruit a good size. Ripens early in August.

### AUTUMN

**Duchess of Oldenburg.** Vigorous growth, large, striped, tender, juicy, regular and abundant bearer. One of the hardest kinds known. Ripens in September.

**Fameuse or Snow.** Vigorous growth, medium, deep crimson, tender, subacid, melting, delicious, hardy. One of the best dessert Apples. Ripens November to January.

**•Gravenstein.** Vigorous growth, very large, striped, juicy, tender, crisp, rich, subacid. Ripens September and October.

**Maiden's Blush.** Free growth, large, yellow and red, tender, juicy, subacid. Ripens September and October.

**Pippin.** Free growth, very large, yellow, tender, rich. Ripens October to December.

**Porter.** Moderate growth, medium to large, yellow, fine grained. Ripens in September.

### WINTER

**•Baldwin.** Vigorous growth, large, bright red, crisp, juicy; the most popular and profitable market sort in the East. Ripens December to March.

**•Cortland.** An improved McIntosh Red. Ripens later than the McIntosh, fruit is larger and brighter in color, a splendid keeper.

**•Delicious.** Fruit large with brilliant dark red skin, flesh fine grained, crisp and juicy; of very high quality, a splendid keeper and constant bearer. November to April.

**Hubbardston.** Free growth, large, striped red and yellow, tender, juicy, rich. Ripens November to January.

**Jonathan.** Medium growth, red and yellow, tender, juicy, and rich. Very productive. One of the best for table or market.

**King.** Vigorous growth, large, red-striped, tender, juicy, vinous. Ripens November to January.

single stem, with all side branches removed. In all cases have the holes dug sufficiently large to allow the roots to be spread out and with the tree held in upright position, work the soil carefully in among the roots. Water thoroughly before filling in the holes. Cherries, Peaches and Plums should be planted only in the Spring. Apples and Pears may safely be planted in the Autumn.

**•McIntosh Red.** One of the best of the Autumn varieties. Skin dark waxy red; flesh white, crisp, and spicy. October to December.

**•Northern Spy.** Vigorous growth, large, striped red, tender, juicy; a fine dessert fruit. Ripens December to June.

**Rhode Island Greening.** Vigorous growth, large, green, fine grained. Ripens December to April.

**Roxbury Russet.** Free growth, medium, greenish, late keeper. Ripens December to June.

**Spitzenburg.** Large, round, brilliant red, with gray dots, firm, rich, crisp, juicy, and delicious. Tree rather a slow grower, but with high culture becomes large and spreading; a good bearer. Ripens December to April.

**Tolman's Sweet.** Free growth, medium, yellow, firm, rich, sweet. Ripens November to April.

**Wagener.** Vigorous growth, medium to large, yellow and crimson, juicy. Ripens December to March.

**Wealthy.** Free growth, medium, dark red, juicy. Ripens December to February.

**•Winesap.** Moderate growth, large, deep red, firm. Ripens December to May.

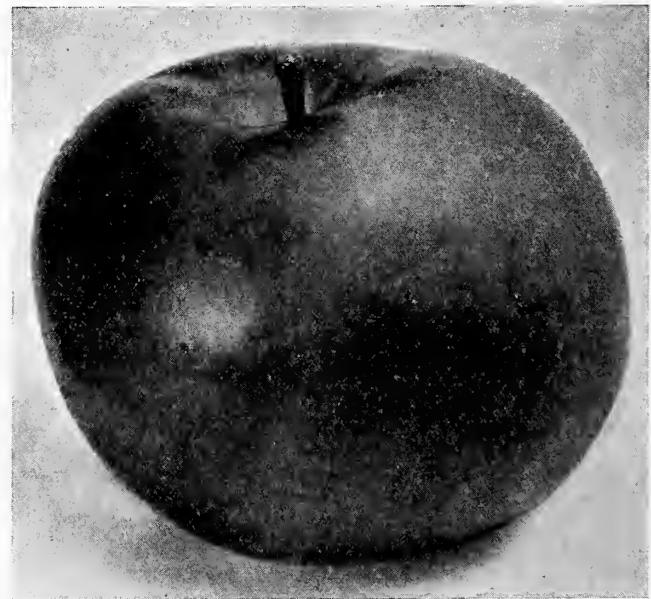
**Winter Banana.** Fruit large, clear pale yellow, with pink blush. Ripens November to April.

### CRAB APPLES

Price: \$1.00 each, \$9.00 for ten

**Hyslop.** Large size, dark crimson with bloom, very showy and the most beautiful of all the class. Hardy.

**Transcendent.** Of the largest size of this class, red, showy, excellent, handsome; one of the most desirable.



Apple—McIntosh Red

Not less than five of one variety sold at the 10 rate, 25 at the 100 rate

# CHERRIES

Cherries do well on dry soil and can be trained in any form required. Price: 6 to 7 ft. \$1.50 each, \$12.50 for ten

## HEARTS and BIGARREAUS

**Black Tartarian.** Vigorous growth, very large; purplish black; one of the best. Ripens end of June.

**Governor Wood.** Vigorous growth, medium, clear light red, tender and delicious. Ripens end of June.

**Napoleon.** Vigorous growth, very large, pale yellow with red cheek, firm, juicy, and sweet. Ripens first of July.

**Schmidt's Bigarreau.** One of the best sweet cherries. Fruit is very large, deep black; flesh dark and tender, very juicy. July.

**Windsor.** Vigorous growth, large, liver-colored, very firm; a valuable variety, hardy. Ripens end of July.

**Yellow Spanish.** Vigorous growth, large, pale yellow, with red cheek, firm, juicy, and delicious. Ripens end of June.

## DUKES and MORELLOS

**Early Richmond.** Medium size, dark red, juicy, rich acid flavor. The stone adheres to the stem. One of the most valuable of sour Cherries.

**Montmorency.** A Cherry of the Richmond class, but larger, more solid, and more upright; equally hardy and a heavy cropper. Ripens from seven to ten days later than the Richmond, entirely escaping danger from Spring frost.

**Morello (English).** Large, dark red nearly black, tender, juicy, subacid; valuable for preserves; tree small, slender growth, productive.

# PEACHES

The following varieties have been selected out of hundreds, the better ones only being chosen. They furnish a succession for about two months commencing the early part of August.

Prices: 5 to 6 ft. 75c each, \$6.50 for ten

**Belle of Georgia.** Very large, skin white with red cheek; flesh white, of fine flavor. Ripens with the Crawford's Eearly.

**Carman.** A new, hardy, rot-proof Peach. Large, round, pale yellow skin and red blush on sunny side; white flesh, sweet flavor.

**Champion.** Handsome creamy white with red cheek. It is of large size and of superior flavor. Ripens about August first, and has shown that it bears a full crop when others fail. Considered a great improvement over other white sorts.

**Crawford's Early.** Very large, yellow, juicy, melting, freestone. Ripens early September.

**Crawford's Late.** Very large, yellow, juicy, freestone. Ripens end of September.

**Elberta.** An exceedingly large, light-colored yellow Peach; juicy, well-flavored. Ripens early in August.

**Fitzgerald.** Fruit medium to large, round, yellow flesh. It is yellowish-green with red cheek. Ripens early September.

**Foster.** Large, resembling Crawford's Early, but of better quality. Ripens early September.

**Greensboro.** A hardy, early peach ripening the latter part of July. Flesh white covered on one side with light and dark red, shaded with yellow.

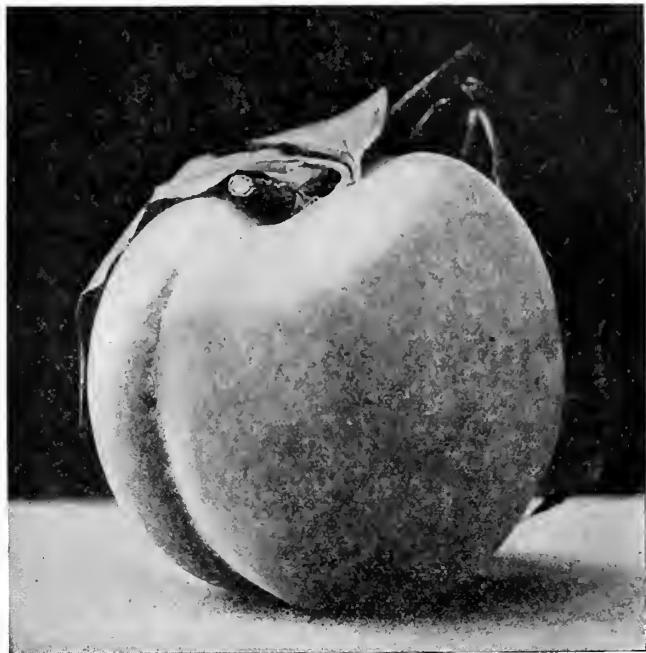
**J. H. Hale.** No better peach has ever been introduced. It is larger than the Elberta, and ripens about a week earlier. Flesh is golden-yellow with deep scarlet blush.

**Mountain Rose.** Large, white and red, juicy. Ripens end of August.

## THE SPRAYING OF PEACH TREES

While the trees are dormant, spray for scale with Commercial Lime Sulphur, one pint to each gallon of water. After blooming, when the tiny fruits begin to show, spray with a weak solution of Corona Arsenate of Lead (two level teaspoonsfuls to each gallon of water). In ten days repeat this spraying.

Not less than five of one variety sold at the 10 rate, 25 at the 100 rate



Peach—Rochester

**Oldmixon Free.** Large; greenish white and red; juicy and rich. Ripens middle of September.

**Rochester.** A yellow freestone variety ripening about August 10. Fruit is large, sweet, and of delicious flavor. Skin blushed.

# PEARS

Price except as noted: 5 to 7 ft. \$1.25 each, \$11.00 for ten. The varieties marked **•** can be supplied also in Dwarf trees budded on Quince stocks at the same price.

## SUMMER

**•Bartlett.** Vigorous growth, large, yellow and red, juicy, buttery, with a rich, musky flavor. Ripens September.

**•Clapp's Favorite.** Vigorous growth, very large and handsome, yellow and crimson, melting, buttery. Ripens August.

**Wilder.** This Pear ripens in August and is a liberal cropper, bearing fruit shortly after transplanting. Skin bright yellow, flesh rich creamy color and virtually coreless. Very juicy.

## AUTUMN

**Beurre Bosc.** Moderate growth, large, russet, buttery, rich, high-flavored. Ripens September and October. Price: \$1.50 each.

**•Flemish Beauty.** Vigorous growth, large, yellow and russet, juicy, melting, sweet. Ripens September and October.

**Louise Bonne de Jersey.** Vigorous growth, large, yellow and red. Ripens September and October.

**•Seckel.** Moderate growth, medium, brown, juicy, of the highest flavor. Ripens September and October.

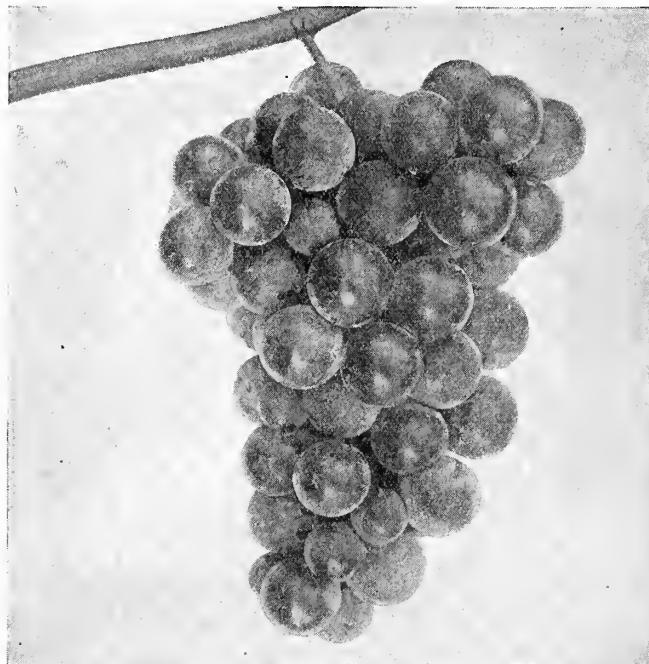
**Sheldon.** Vigorous growth, large, russet. Ripens October.

**Vermont Beauty.** A very brilliant-colored skin and most beautiful when ripened. It matures a little later than the Seckel, and has qualities which render it valuable as a shipping Pear. Flesh rich, aromatic, and juicy. The tree is strong in habit and is well adapted to the coldest climates.

## WINTER

**•Beurre d'Anjou.** Vigorous growth, very large, greenish yellow, keeps into mid-Winter, and is the most valuable of all Winter Pears. Ripens November and December.

**Lawrence.** Moderate growth, medium to large, golden yellow; a valuable Winter Pear. Ripens November and December.



Grapes

## PLUMS

Price: 5 to 7 ft. \$1.50 each, \$12.50 for ten.

### EUROPEAN TYPE

**Lombard.** Vigorous and very productive. Fruit large, oval dark purplish-red; flesh yellow and sweet. Ripens August and September.

**Reine Claude (Bayav's Green Gage).** Round; greenish-yellow; juicy, melting, sugary, rich; separates from the stone; tree very vigorous and remarkably productive. A valuable market Plum. Ripens last of September.

**Shropshire Damson.** Medium, dark purple, very productive; one of the best for preserving. Tree not a rapid grower. Ripens October.

**Yellow Egg.** A very large and beautiful egg-shaped Plum; a little coarse, but excellent for cooking; tree a free grower, very productive and hardy. Ripens August.

### JAPANESE TYPE

**Abundance.** Skin beautiful lemon-yellow ground, nearly overspread with bright cherry, and with a heavy bloom; large to very large, oblong, tapering to a point; flesh orange-yellow, melting, rich, and highly perfumed; abundant and annual bearer; tree a very vigorous, upright grower. Has been thoroughly tested and is highly recommended. Ripens August.

**Burbank.** Large and beautiful, clear cherry red, with a thin lilac bloom; flesh a deep yellow, very sweet, with a peculiar and very agreeable flavor. The tree is a vigorous grower, with large broad leaves; usually begins to bear the second year after transplanting. Ripens end of August.

**Red June.** An early-ripening Japanese Plum; medium to large, roundish, conical; purplish-red; handsome, flesh yellow; quality good. Ripens first of September.

**Satsuma (Blood).** Large, globular, with sharp point. Color purple and red, with bloom; flesh firm, juicy, dark red, or blood-color, fine quality; pit very small. Ripens August.

**Wickson.** Originated by Burbank. A sturdy, upright grower; fruit remarkably handsome, deep maroon-red, covered with white bloom; stone small; flesh fine texture, firm, sugary and delicious; excellent keeper and shipper; will keep two weeks after ripening.

## QUINCES

Price: 4 to 5 ft. \$1.25 each, \$11.00 for ten

**Apple, or Orange.** Large, roundish; bright golden yellow; very productive.

**Champion.** A vigorous and productive variety. Ripens very late.

**Meech's Prolific.** Remarkable for its early and regular bearing, and for productiveness—will bear when two or three years old. Fruit pear-shaped and of high quality.

**Rea's Mammoth.** A very large and fine variety of the Orange Quince.

## HARDY GRAPES

Price: strong 2-year vines, 60c each, \$5.00 for ten, \$40.00 for 100

### BLACK

**Concord.** Bunch and berries large, round, black, thickly covered with a beautiful bloom; flesh moderately juicy, sweet pulp; quite tender when fully ripe.

**Moore's Early.** Bunch and berry large, with a blue bloom; quality better than Concord; its size and earliness render it most desirable.

**Worden.** Bunches large, handsome; berries large, sweet. Ten days earlier than the Concord and superior to it in flavor; ripens well in cold localities.

### RED and REDDISH PURPLE

**Agawam (Rogers' No. 15).** Large, tender, juicy, vinous; vine vigorous.

**Caco.** The most beautiful of all hardy grapes. Large red berries covered with a white bloom, very strong grower. Price each \$1.00, \$9.00 for ten.

**Brighton.** Large, handsome, and of the best quality; ripens early.

**Delaware.** Medium or small, but delicious; highly esteemed.

**Salem (Rogers' No. 53).** One of the best and most popular; ripens with the Concord.

### WHITE

**Moore's Diamond.** Bunch large and compact; berry about the size of Concord; color greenish white, with a yellow tinge when fully ripe; flesh juicy and almost without pulp; quality very good; early, vine vigorous and productive.

**Niagara.** Bunch medium to large; berry large; skin thin but tough; slightly pulpy, tender, sweet; vine vigorous, healthy, and very productive; ripens with Concord. All things considered, it is probably the most valuable White Grape in cultivation.

### DISTANCE BETWEEN FRUIT TREES or BUSHES

**Standard Apples:** 30 to 40 feet apart each way. In poor soils 25 feet may be enough. **Dwarf:** 6 to 15 feet apart.

**Standard Pears and Cherries:** 20 feet apart each way. Cherries will do at 18 feet. **Dwarf Pears:** 10 to 12 feet apart each way. The greater distance is better.

**Standard Plums, Peaches:** 16 to 18 feet apart each way.

**Quinces:** 10 to 12 feet apart each way.

**Blackberries and Raspberries:** 18 in. apart in the rows. Rows to be 4 feet apart.

### NOTICE

IN COOPERATION WITH THE FEDERAL AND STATE DEPARTMENTS OF AGRICULTURE, WE NEITHER GROW NOR SELL CURRANTS AND GOOSEBERRIES, AS THEY ARE HOST PLANTS TO THE WHITE PINE BLISTER.

## BLACKBERRIES

The ideal crop for obtaining returns from poor lands. Yet the cultivation of the vines should not be neglected, and liberal fertilizing should be accorded. Mulching is of great advantage, especially in poor soils. Plant in rows 6 feet apart, the plants 3 feet apart in the rows. Trim with a view to obtaining a crop of excellent berries from a few strong shoots to a plant rather than from many weak ones.

**Price:** \$1.50 for ten, \$8.00 for 100

**Blowers.** Large round berries, very firm.

**Eldorado.** This splendid variety is, perhaps, the best ever produced. It stands when other varieties are Winter-killed; has never failed to produce enormous crops of its very large jet-black fruit, which is sweet, melting and keeps well after picking.

**Rathbun.** The fruit is borne in clusters and is easily gathered; berries very large, color intense black, with a high polish; pits very large, with small seeds; flesh juicy, high-flavored, sweet, and delicious.

**Snyder.** A marvel for productiveness, fruit medium size, sweet and melting to the core. The plant is extremely hardy.

## RASPBERRIES

**Price:** \$1.50 for ten, \$8.00 for 100.

**Columbian.** A new variety of great promise. It is a very vigorous grower and very hardy. Fruit purple and delicious for table or canning; an excellent shipping variety.

**Cumberland.** Strong growing variety. Fruit very large, black; ripens quite early; hardy and productive.

**Cuthbert.** Large, dark crimson berries of firm texture; slightly acid and of excellent quality; a certain cropper, always to be recommended.

**Erskine Park.** This new Everbearing red raspberry is described by the U. S. Department of Agriculture as surpassing all other late-bearing sorts. The plants are very hardy; fruit large and firm.

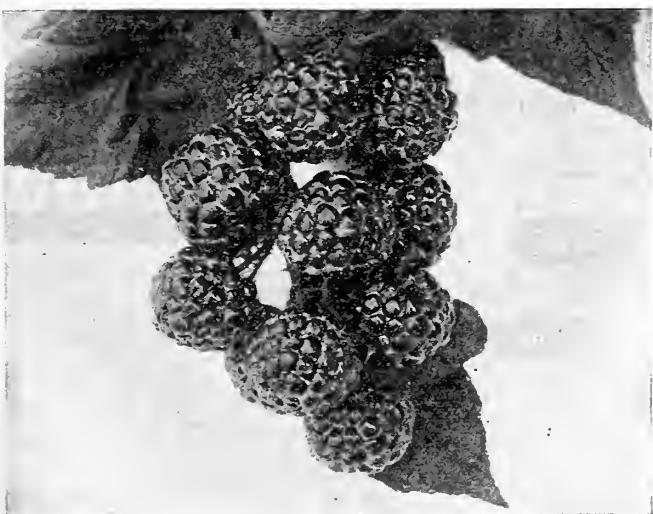
**Golden Queen.** Large, yellow fruit of highest quality and best size; hardy and productive; fine either for home use or for shipping purposes.

**King.** Fruit is of good size, bright red, and of fine quality; ripens early.

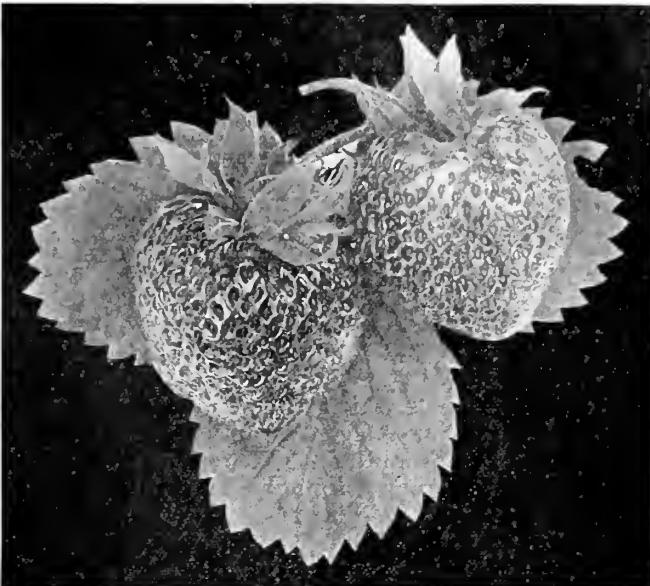
**Latham.** This variety is a strong grower, hardy and very productive. Fruit is of large size, deep red in color, and of delicious flavor.

**Plum Farmer.** Strong grower. Fruit large, grayish black and firm. They ripen early and are perfectly hardy.

**St. Regis.** Everbearing. Red. Good quality.



Raspberry



Strawberry

## STRAWBERRIES

For best growth Strawberries require light fibrous or sandy loam, well enriched, with plentiful moisture during the bearing season. The plants should be set 12 to 15 inches apart, in rows 2½ to 3 feet apart. They should be kept free from weeds, and mulched with straw or litter in Winter. Fruit is borne the year after planting. Varieties in the following list are perfect flowering and may be planted without a mixture of other varieties for fertilizing purposes. Price for Layer plants for Spring planting: 50c for ten, \$3.00 for 100, \$25.00 for 1000.

Pot-grown plants furnished for planting in August and September.

**Arabine.** Extra early. Extra large, almost rust proof.

**Commonwealth.** Late. Large, conical, deep crimson fruit. One of the best late varieties.

**Early Ozark.** Extra early. Produces large, dark red berries; very delicious.

**Glen Mary.** Late. Exceptionally valuable in New England.

**Howard XVII.** Midseason. About the size and style of Marshall.

**Marshall.** Midseason. Enormous in size, a glossy dark crimson color, and of delicious flavor.

**Senator Dunlap.** Early midseason. Dark red berries of medium size. The flesh is red all through, and exceedingly juicy.

**William Belt.** Late. Of large size and good quality. A continuous cropper. Deep red, following Marshall.

## FALL or EVERBEARING STRAWBERRIES

Price for Layer plants for Spring planting: 75c for ten, \$4.00 for 100. Pot-grown plants supplied for midsummer planting.

**Mastodon.** A strong growing, everbearing strawberry. It bears profusely in the early summer and is at its best late in the season. The berries are of good color, rather pointed, and look more like the regular summer strawberry than any other everbearing variety. Flavor is quite tart.

**Progressive.** This variety makes a vigorous growth, and produces immense quantities of berries. Blossoms should be kept picked off until about the middle of July. If this is done, a heavy crop can be obtained from about the first of August until heavy frost. The berries are of medium size and excellent quality.

**Superb.** The berries of this excellent variety are a little later than those of Progressive. The plants are about equal in vigor of growth, but do not produce so many berries per plant as Progressive. The quality, however, is excellent.

# FERTILIZERS & CHEMICALS

## PULVERIZED POULTRY MANURE

### PREMIER BRAND



#### Guaranteed Analysis

Nitrogen .....	4.93%	Total Phosphoric Acid .....	2.75%
Equivalent to Ammonia .....	6.00%	Available Phosphoric Acid .....	2.50%

Pulverized Poultry Manure is exceedingly soluble and lends itself readily to absorption. The Plant Food contained in this Fertilizer has been pronounced by eminent chemists to be in the most valuable form of any organic fertilizer known. Not only is it valuable for the plant food it contains, but because by its nature it adds to and stimulates bacterial action in the soil, thereby making additional plant food available.

It is free from seeds which will germinate and produce weeds or other plants not desired. Every pound of Poultry Manure is subjected to an intense heat in passing through dryers, every germ is killed, and all large seeds pulverized in milling. There is positively no objectionable odor to Premier Brand Pulverized Poultry Manure following application, and from this standpoint it is ideal for houseplants, lawns, and gardens. An ideal plant food for Flowers, Lawns, and Golf Courses. It has been thoroughly tried under glass and in the field. Applied in tilling or as a top-dressing or in solution as a liquid manure.

**Amount to use:** Fruits and vegetables 1000 to 1200 lbs. per acre. Old lawns 30 to 50 lbs. per 1000 sq. ft. New lawns 40 to 60 lbs. per 1000 sq. ft. Golf Courses—putting greens 50 to 60 lbs. per 1000 sq. ft., fairways 30 to 40 lbs. per 1000 sq. ft.; entire 9-hole course 15 to 20 tons or one carload.

5-lb. ....	\$ .50	50-lbs. ....	\$2.25	500-lbs. ....	\$16.00
25-lbs. ....	\$1.25	100-lb. bag ....	\$4.00	Per ton ....	\$60.00

## PULVERIZED SHEEP MANURE

### BRECK'S RAM'S HEAD BRAND



A standard dressing for lawns and around private homes or cemeteries, and wherever a strong, luxuriant growth of grass is needed. No time is lost waiting for Pulverized Sheep Manure to rot, as is the case with barnyard manure.

Apply Ram's Head Brand two or three times during the season before rain or watering at the rate of one pound or over to 30 square feet or less. This will keep the lawn in flourishing condition.

Material in fine mechanical condition, all vegetable life destroyed during grinding and drying process. Odorless.

5-lb. ....	\$ .40	100-lb. bags ....	\$ 3.25
50-lb. bags ....	\$2.00	Per ton ....	\$55.00

## BRECK'S BONE MEAL FERTILIZER

3% ammonia; 50% Bone Phosphate of Lime.

We have a high grade of this valuable fertilizer prepared especially for us. It is useful for all crops, but especially for grass lands and Fruit Trees. Prices: 5 lbs., 40c; 10 lbs., 75c; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$3.50; ton, \$60.00.

## GRAPE BONE

Course crushed bone specially valuable as a fertilizer for grape vines and usually applied during the Autumn. 5 lbs., 40c; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.50.

## LAND LIME

Lime is one of the chemical substances essential to plant growth and most soils contain enough of it in some form to meet the mere plant-food requirement of many kinds of plants.

It must be remembered, however, that Lime is used chiefly to correct the acidity or bad physical condition of soils, rather than as plant food. It does not furnish the elements supplied by commercial fertilizers, and hence can never take their place.

Use one hundred pounds every 33 feet each way—equal to two tons per acre.

Prices 5 lbs., 25c; 10 lbs., 40c; 25 lb. bags 60c; 50 lb. bags 85c; 100 lb. bags \$1.25.

## SHREDDED CATTLE MANURE

100 Lb. Bags	\$ 3.25
Ton	55.00

## BEAUTIFIES LAWNS AND GARDENS



To build up a lawn you can be proud of, use Lōma — the scientific plant food. Lōma is rich in potash, phosphate and nitrates—just the food elements your lawn or garden needs. Lōma promotes deep root-growth—makes the grass so sturdy it won't burn out quickly in the summer sun, so thick that it actually crowds out the weeds. Lōma is odorless, clean—many times more powerful than barnyard manures. Just sow it over the lawn like grass seed. Then wet it down.

A 5-pound package fertilizes a 10 ft. x 10 ft. plot.

5 pound package ....	\$ .60	50 pound bag ....	\$3.50
10 " " ....	1.00	100 " " ....	6.00
25 " " ....	2.00	(Never sold in bulk)	

## BRECK'S LAWN and GARDEN DRESSING

Great care should be taken to distribute Breck's Lawn and Garden Dressing evenly, and in no greater quantities than recommended on the tag which accompanies each bag, as a too liberal application will injure the sward. It can be applied at any time during the year, from April to November, as often as the grass seems to need nourishment. Never apply the dressing while the grass is wet with dew or rain.

10-lbs. ....	\$0.60	Bag for $\frac{1}{4}$ acre. 100 lbs. \$3.50
25-lbs. ....	1.00	Per ton ..... 60.00
For 5000 sq. ft. 50-lbs. ...	1.75	

## BRECK'S MARKET GARDEN MANURE

4-8-7

A high-grade, properly balanced, complete fertilizer. Can be used either with or without barnyard manure, and for general use on all farm and garden crops. Especially recommended for market gardeners. Prices: 5 lbs., 40c; 10 lbs., 75c; 25 lb. bag, \$1.00; 50 lb. bag, \$1.75; 100 lb. bag, \$3.00; ton, \$54.00.

## IMPORTED FERTILIZERS

### CLAY'S FERTILIZER

A famous English greenhouse fertilizer, highly concentrated, readily soluble, especially recommended for applications on crops either flower or vegetable growing under glass, as it is quick acting and hastens the development of plant and flowers. Supplied only in the original packages as follows:

14 lbs.,	\$ 2.25	56 lbs.,	\$ 8.00
28 lbs.,	4.00	112 lbs.,	15.00

### THOMPSON'S VINE, PLANT, AND VEGETABLE MANURE

A fertilizer popular with grape growers in Great Britain. A safe and reliable food and stimulant for every fruit-bearing plant, also for foliage and flowering plants and vegetables of all descriptions. 14 lbs., \$2.25; 28 lbs., \$4.00; 56 lbs., \$8.00; 112 lbs., \$15.00.

### THOMPSON'S SPECIAL CHRYSANTHEMUM MANURE

Entirely soluble and very powerful, especially suitable for top-dressing chrysanthemums and similar plants. It is meant to be used as an additional stimulant during the growing season. A heaping dessert-spoon-full will be sufficient for a 10-inch pot, sprinkled over the surface of the soil, and watered in with tepid water. This may be given three times during the growing season. 14 lbs., \$2.25; 28 lbs., \$4.00; 56 lbs., \$7.00.

## FLORANID

(Urea)

A highly concentrated nitrogen fertilizer. Contains 46% available nitrogen (equal to 55.9% ammonia). Nitrogen is one of the three principal plant foods. It produces quick and healthy growth of root, stem, leaf and flower, and a pleasing color of the foliage. It must be quickly available for best results. Floranid (Urea) is a white, clean, odorless powder, at once available and is valuable for vegetable, fruit and flower crops, for greenhouse and garden, lawns, shrubs and trees. 1 lb. pkg., 50c each; 5 lb. pkg., \$1.50 each; 25 lb. bag, \$5.00 each; 50 lb. bag, \$9.00 each.

## NITROPHOSKA

A highly concentrated plant food for the home garden, greenhouse, dahlia and gladiolus grower and for golf courses. Equally valuable for flowers, vegetables and fruits. Nitrophoska contains 15% nitrogen, 30% phosphoric acid, and 15% potash, and this concentration is three or four times the quantity found in ordinary garden fertilizers. It is clean, odorless, practically water soluble, effective and best of all, economical.

One-pound cartons, 35c; 5-pound bags, \$1.25 each; 25 lb. bags, \$4.00 each; 50 lb. bags, \$6.00 each.

## POT PLANT FERTILIZERS

### STIM-U-PLANT

#### Plant Stimulant Tablet

Stim-U-Plant tablets are designed for use by all who grow plants—home gardeners, market gardeners, small-fruit growers, fruit growers, florists, and farmers. Their most valuable use is in the feeding of growing plants. Being composed of water-soluble materials of great feeding power and of known weight and percentage of plant food, Stim-U-Plant tablets can be used directly in the soil at the base of the plants. Stim-U-Plant tablets are packed in four sizes as follows: Small Size, 25c; 100 tablets, 75c; 1000 tablets, \$3.50.

## BARRIE'S PLANT FOOD

A new health giving mixture analyzing Nitrogen, 6.5%; Potash 6.5%; Phosphoric Acid 7.5%; and prepared in a way which makes the ingredients most easily available to the roots. Dissolved in water and poured on, it is sure to reach the roots where it does the most good. Full directions for use accompany each can. 5 oz. cans, 25c; 12 oz. cans, 50c.

## FERTIFLORA

A liquid fertilizer for potted plants, to be mixed with water. Per bottle, 35c.

# BRADLEY'S FERTILIZERS

For over 50 Years the Standard

GOOD SEED ought to be backed up with good fertilizer. It is farm sense to do a good job with plow and harrow and then get the full benefit of it by using the very highest grade fertilizers.



### Prices for Season of 1929

	Ammo.	Av. Phos. Acid	Potash	Price per 100 lbs.	Price per Ton
Special Grass Top Dressing .....	8	6	6	\$4.00	\$65.00
Grass and Lawn Top Dressing .....	6	6	4	3.50	60.00
Bradley's Blood, Bone and Potash .....	5	8	7	3.25	59.00
Bradley's Complete Manure for Potatoes and Vegetables .....	4	8	7	3.00	54.00
Bradley's Complete Manure 10% Potash .....	4	6	10	3.00	57.00
Bradley's Northland Potato Grower .....	4	8	4	2.65	50.00
Bradley's XL .....	3	10	4	2.60	48.00
Bradley's Corn Favorite .....	3	10	6	2.60	48.00
Bradley's Eclipse Fertilizer .....	1	9	4	2.25	40.00

All in 100 lb. bags F. O. B. Boston. Special delivered prices quoted on 15-ton lots.

We do not sell less than full 100 lb. bags of these brands.

## THE MAPES MANURES

### MAPES POTATO MANURE

Guaranteed Analysis: Ammonia, 4.50 to 5%; total Phosphoric Acid, 8 to 10%; available Phosphoric Acid, 7 to 9%; Soluble Potash, actual, 5 to 6%.

It is also well adapted to all vegetables at planting or any hoeing, particularly where starch and sugar formation is desired—superior quality of crop as well as large yield; also for sweet potatoes, asparagus, sweet corn, sugar beets, strawberries, and all small fruits—pears, grapes, etc.

**Directions for Use:** May be used in the hills or rows, mixing and covering with earth, provided it is scattered well. Scatter it down the rows, mix as thoroughly as possible in any manner which best commends itself—with plow, hoe, brush, sled, chain, etc. Use 800 pounds and upwards per acre on ordinary land.

**Price:** Per 100 lb. bag, \$3.00; per ton in 100-lb. bags, \$56.00.

### MAPES TOP DRESSER

Ammonia, 10%; Phosphoric Acid, 6% (available, 4%); Soluble Potash, 2%. Use at the rate of 300 to 500 lbs. per acre. Comprised of the very highest grades of soluble fertilizer material. Highly recommended for dressing worn-out hay fields, pastures, lawns, and golf courses. **Price:** \$4.00 per 100 lbs.; \$74.00 per ton.

### MAPES CORN MANURE

Guaranteed Analysis: Ammonia, 3 to 3.50%; total Phosphoric Acid, 10 to 12%; available Phosphoric Acid, 8 to 10%; Soluble Potash, actual, 3 to 4%.

For sweet corn, fodder corn, Hungarian grass, millet, late turnips, late cabbage, and seeding to grass.

**Directions for Use:** On heavy or average good land, particularly when stable manure is used broadcast, use 200 or 400 lbs. per acre, scattering well in and over hills and drills; on light lands, use broadcast 600 pounds per acre. **Price:** \$2.75 per 100 lb. bag; per ton in 100 lb. bags, \$50.00.

### MAPES GENERAL TRUCK MANURE

Guaranteed Analysis: Ammonia, 5 to 6%; total Phosphoric Acid, 8 to 10%, (available, 6 to 8%); Soluble Potash, actual 5 to 6%. For vegetables, truck, etc.

For	Quantities to Use per Acre	Pounds
Potatoes .....	.....	600 to 1,000
Asparagus, new beds .....	.....	1,000 to 1,600
Sweet corn .....	.....	400 to 800
Seeding to grass .....	.....	600 to 800
Strawberries and small fruits .....	.....	600 to 800

**Price:** \$3.00 per 100 lb. bag; per ton in 100 lb. bags, \$54.00.

### SCOTCH SOOT

Scotch Soot is much used by florists and gardeners, both as a fertilizer and fungicide. Mixed with Flowers of Sulphur (two-thirds soot, one-third sulphur) there is nothing better to prevent and cure mildew. Used as a fertilizer either in the dry state or in liquid, it quickly promotes growth. **Prices:** 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs., \$3.75; 100 lbs., \$7.00.

### ADCO

For making Artificial Manure. Dry leaves, mixed with Adco and kept moist, turn into excellent manure. So do flower stalks, cuttings, pea vines, and almost any other kind of non-woody vegetable waste. Adco is a powder which, mixed with vegetable matter and kept moist, turns the latter into real manure, but without odor, flies, etc. The process is perfectly simple and not at all laborious.

In 25 lb. bags ..... Each \$2.25  
(Enough for about 12 wheelbarrow loads of garden waste, making one-half ton of manure).

In 150 lb. bags ..... Each \$10.50  
(Enough for a heap 10 ft. x 10 ft. x 6 ft. making about three tons of manure).

Each shipment is accompanied by simple directions, which makes any mistake impossible.

## AGRICULTURAL CHEMICALS

Nitrate of Soda (18.5% Ammo.) Reground and screened. 5 lbs. 40c; 25 lbs., \$1.45; 50 lbs., \$2.75; 100 lbs., \$5.00; ton, \$80.00.

Plain Superphosphate or acid phosphate (16%). 5 lbs., 30c; 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$2.00; ton, \$30.00.

Sulphate of Potash (High-grade actual Potash 48%). 5 lbs., 40c; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.00.

Muriate of Potash (50% K2O). 5 lbs., 40c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50.

Sulphate of Ammonia (25% Ammo.) Reground and screened. 5 lbs., 40c; 25 lbs., \$1.45; 50 lbs., \$2.75; 100 lbs., \$5.00; ton, \$80.00.

Fine Ground Land Plaster or Agricultural Gypsum. Per bag, \$1.75; per ton, \$30.00.

Basic Slag Meal. Available Phosphoric Acid, 17.03%. Highest grade Belgium Slag. Per 100 lbs., \$2.00; per ton, \$30.00.

Ground Tankage (9% Ammo., 20% bone phos.). Per 100 lbs., \$4.00; per ton, \$74.00.

Blood Tankage (12% Ammo.). Per 100 lbs., \$6.00; per ton, \$100.00.

Wood Ashes, Canadian. Averaging approximately 3% actual potash in hundred pound bags. Per 100 lbs., \$2.75; per ton, \$50.00.

### ALUMINUM SULPHATE

(Commercial grade)

For souring the soil where one desires to grow Rhododendrons or Azaleas. Prices: 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$4.00.

### COPPERAS or SULPHATE OF IRON

In the form of crystals which are readily pulverized or dissolved. Valuable as a disinfectant and as a weed killer, especially for the weeds having coarse rough leaves and for destroying mustard in oats and other grain. Applied either in the powder form or in solution. Prices: 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$5.00.

### SOIL, HUMUS, LEAF-MOULD, Etc.

Leaf Mold. The best grade of sifted Leaf Mould. Per peck, 30c; per bu., \$1.00.

Lump Charcoal. For greenhouse use. Per bag, \$2.00.

Prepared Potting Soil. Specially prepared with peat, leaf mould, loam, sand, and fertilizer.

Per Peck, 30c; per bushel, \$1.00.

Peat, Rotted Fibrous. Fine, light and sweet. For some varieties of plants this is most valuable.

Per Peck, 30c; per bushel, \$1.00.

Greenhouse Sand. For rooting cuttings and mixing with potting soil. Per peck, 60c; per bushel, \$2.00.

White Pearl Chips. For growing Bulbs in water and covering Greenhouse benches. 10c per lb., \$8.00 per 100 lbs.

Beach Pebbles. Washed; used for the same purposes as Pearl Chips. Per lb., 5c; per 100 lbs., \$2.50.

Fern Root or Orchid Peat. Per bu., \$1.50; per 3-bu. sack, \$4.00.

Sphagnum Moss. Per 2-bushel bale, \$1.00; per bale, \$9.00.

Agricultural Salt. For killing weeds in Asparagus beds, walks, driveways, etc. Per 100 lbs., \$1.50.

Humus. Finely ground and screened for renovating Lawns, Golf Courses, Flower Beds, etc. Improves potting soil. Per 100 lbs., \$2.00; per ton, \$30.00.

### FINE GROUND PEAT or MULL

Soft, light, has great absorbent properties, quickly decays, so that it is available for plant food. Will absorb seven to eight times its own weight of water; valuable as a fertilizer carrier for lawns, propagating, golf courses, and as a soil lightener. As a mulch for Rhododendrons, Kalmias and Evergreens of all sorts it cannot be too highly recommended. Rose growers find it invaluable as a summer mulch for rose beds as it retains moisture in the soil and also keeps down the growth of weeds.

Standard bale, weight about 140 lbs. .... Each \$3.50

Home Garden size carton about 2 cubic feet..... Each 2.00

# INSECTICIDES & FUNGICIDES

**STOMACH POISONS**, such as Lead Arsenate and Paris Green, are used to combat Chewing insects. Examples: Colorado Potato Beetle, Curculio.

**CONTACT INSECTICIDES**, such as Black Leaf "40" and Evergreen, are used to combat Sucking insects. Examples: Plant lice, Pear Psylla.

**FUNGICIDES**, such as Lime Sulfur and Bordeaux Mixture, are used to combat Plant diseases. Examples: Apple Scab, Potato Blight.

**ANT DESTROYER—Bon Arbor** A most effective preparation for destroying and driving away ants infesting lawns, tennis courts, and golf courses. Usually about 3 days are required to get rid of the ants and about three applications are necessary. Follow directions on package carefully.

1-lb. packages .... Each \$0.60      5-lb. cans .... Each \$2.75

**ANTROL—The National Ant Control** For sweet eating ants—the kind that infest the house and are frequently seen on plants and trees. This is a complete system adapted to any size house, composed of small glass containers and special Antrol syrup. The containers are partially filled with syrup and then placed about the outside edges of the house. Ants smell the mildly poisonous syrup, eat it and then transmit it to their queen. Soon the entire ant nest is destroyed!



**Prices**—Antrol sets containing 4 containers and 1 4-oz. bottle of syrup ..... \$1.00  
Antrol extra containers (each) ..... \$.15  
Antrol syrup, 4-oz. bottle ..... .50  
Antrol syrup, pints ..... 1.00  
Antrol syrup, gallons ..... 4.00

**APHINE** Most effective against all sucking insects, infesting flowers, foliage, fruits, and vegetables. Can be used as a spray, wash, or dip.

½-pt. cans ..... Each \$0.35      1-qt. cans ..... Each \$1.00  
½-pt. cans ..... Each 0.40      1-gal. cans ..... Each 3.00  
1-pt. cans ..... Each 0.65

**ARSENATE OF LEAD—"Corona Dry"** A pure Arsenate of

Lead containing 33% arsenic oxide, absolutely chemically combined with lead and the lowest percentage of "free" or water soluble arsenic. It is the ideal compound for spraying potatoes because it has the quality of quick poisoning. Its superior suspension gives even application; it is absolutely safe from "burning." It covers thoroughly and sticks to the foliage. It mixes easily and readily in water. No working up to prepare for the spray tank. No straining. It is only necessary to shake the proportional amount into the spray tank. By using the same weight each time you spray, your mixture is always the same strength.

1-lb. package ... Each \$0.35      25-lb. package. Per lb. \$0.20  
5-lb. package ... Per lb. \$0.25

**"BLACK LEAF 40"** A concentrated solution of Nicotine sulphate. Active ingredient, Nicotine 40%. For spraying fruit trees to destroy soft-bodied sucking insects. Each sucking insect must be "hit" by spray to be affected. Against Green and Rosy apple Aphids, Pear psylla, Hop louse, etc., 1 fluid ounce "Black Leaf 40" to eight gallons water. Against Black Aphid, Woolly Aphid, one fluid ounce "Black Leaf 40" to 6 gallons water. Keep solution well stirred while spraying. Full directions for all uses attached to every can.

1-oz. bottle ..... Each \$0.35      2-lb. can ..... Each \$3.25  
½-lb. can ..... Each 1.25      10-lb. can ..... Each 11.85

## BORDEAUX MIXTURE—**Corona Dry**

Bordeaux Mixture

is a spraying compound and the standard remedy for fungus diseases.

½ lb. packages .. Each \$0.20      4-lb. packages. Per lb. \$0.25  
1-lb. packages .. Each .30      25-lb. packages. Per lb. .22

## CALCIUM ARSENATE (Corona Brand)

Arsenate of Lead

and Lime. A cheap, quick-acting poison for potato bugs and other leaf-eating insects. Directions must be carefully followed and Lime or Bordeaux added to the solution to prevent burning.

Pound packages ..... Each \$0.25  
5 lb. packages ..... Each 1.25  
25 lb. packages ..... Each 3.75

## CALCIUM CASEINATE—**Red Diamond Brand**

A combination spreader and adhesive. It is not poisonous. Will not gum nozzle or pump, giving increased coverage and added efficiency to any spray with which it has been mixed. One and one-half pounds of Red Diamond is sufficient for 200 gallons of spray.

1½ lb. bags ..... Each \$0.33      50-lb. bags ..... Each \$9.50  
10-lb. bags ..... Each 2.10      Per 100 lbs. ..... Each 18.00

## CREONOID

Lice destroyer and cow spray. An up-to-date antiseptic preparation made from coal tar.

Creonoid stands for animal comfort. Follow directions on can carefully. Stock tormented with flies cannot make flesh or milk. Keeping the flies off may mean the difference between profit and loss. Cows sprayed with Creonoid just before milking are quiet and give better yields of milk, because the flies are kept away. Try it and see the results for yourself.

Per gallon ..... \$1.45      ½ barrels .. Per gal. \$0.95  
5 or 10-gal. cans. Per gal. 1.00      Barrels .... Per gal. .93

## CREOSOTE MIXTURE

This mixture is sure death to the eggs of the Gypsy Moth, Tussock Moth and similar insects. Made on the formula used for years, and recommended by the Massachusetts Gypsy Moth Committee.

1 quart ..... Each \$0.45      5 gallon cans. Per Gal. \$0.85  
1 gallon ..... Each 1.10      50 gallon barrel Per Gal. .75

## CROW REPELLENT—**Stanley's**

Prevents crows, other birds, and animal pests from pulling corn. Protects corn from rot caused by moisture. Does not clog planter. Has been successfully used for over 10 years. Small cans enough for 1 bushel corn, \$1.00; large cans enough for 2 bushels corn, \$1.50.

## CYANOGAS

A highly efficient agricultural chemical that releases a poison-gas on exposure to the air. Made in different grades for different uses. Please note: Cyanogas cannot be shipped by mail.

**CYANOGAS G-FUMIGANT.** The standard for Greenhouses, Mushrooms, and Soil Fumigation. Ease of application, high efficiency, and low cost have gained for Cyanogas G-Fumigant the endorsement of leading growers all over the world. Solve your fumigation problems with Cynogas G-Fumigant.

**CYANOGAS A-DUST.** For Ants, Moles, Rats, Woodchucks. Grade "A" Cyanogas is recommended because of its ease of application and high efficiency.

**Ants:** Place pinch in nest opening sufficient to close.

**Moles:** Blow dust in runway with duster.

**Rats:** Plug all holes except one and blow in dust with duster.

**Woodchucks:** Place heaping tablespoonful in burrow and close carefully.

## PRICES OF G-FUMIGANT AND A-DUST

1 b. tins ..... Each \$0.75      25 lb. tins ..... Each \$10.00  
5 lb. tins ..... Each 3.00      100 lb. drums... Each 30.00

## SPECIAL CYANOGAS DUSTERS (See page 171).

**DIPPING POWDER—Cooper's**

A Sheep Dip which kills all the ticks

with a single dipping.

Small package, makes 25 gallons ..... Each \$0.50

Large package, makes 100 gallons ..... Each 2.00

**EVERGREEN**

Kills cutworms. Non-poisonous. Will not burn or injure the tenderest crop. Does not injure the soil in any way. Will not gum sprayers. Pleasant and easy to use. No unpleasant odor. When undiluted Evergreen retains its strength indefinitely.

To kill Cutworms, use one part of Evergreen to 100 parts of water. Spray around plants, wetting ground thoroughly. Cutworms coming in contact with the solution will come to the surface and die. Keep ground around plants moist. Do not use soap.

Evergreen can also be used to control Aphis, Leaf Hoppers, Cabbage Worms,

Mealy Bug and many other insects, killing practically all sucking and chewing insects.

Price: 1 ounce bottles, 35c; 6 ounce bottles, \$1.00; 16 ounce bottles, \$2.00; 32 ounce bottles, \$3.50; per gallon, \$13.00; per 5 gallon keg, \$50.00.

Special circular giving detailed information mailed on request.

**FLY DRIVER—Breck's Victor**

Safe to use, thoroughly effective and the best preparation on the market. Put up in 1-gal. cans only. 1-gal. can. Each \$1.50. Case of 1 doz. cans for \$14.00

**FUNGTROGEN**

This highly concentrated fungicide conquers Mildew on roses and other plants practically over night and controls Black-Spot. It also stimulates hollyhocks and geraniums; prevents rot and eliminates rust on carnations and the diseases of delphiniums. Half pint ..... \$0.75 Half gallon ..... \$3.50 Pint ..... 1.25 Gallon ..... 6.00 Quart ..... 2.00

**GRAPE DUST—Hammond's**

Controls mildew on grape vines. Can also be used in the garden for mold, mildew, or rust mites. Per 5-lb. package, \$1.00.

**IN-A-MINUTE**

Killer of roaches, hen lice, ants in the house, and also bed bugs, etc. Non-explosive, non-staining, and non-poisonous. Per bottle, \$0.40.

**LEMON OIL**

An oil that is readily soluble in water. It destroys insects and parasites of all kinds without injury to plants. Much used for palms and other ornamental foliage plants. 1 pint, \$0.60; 1 quart \$1.00; 1 gallon, \$3.00.

**LIME SULPHUR—Dry**

Safe and effective not only as a dormant spray but also as a

Summer spray in combination with Arsenate of Lead.

From 12 to 14 pounds of Dry Powdered Lime Sulphur dissolved in 50 gallons of water should be used as a dormant spray against scale, etc.

From 2 to 3 pounds to 50 gallons of water in combination with the usual preparation of Dry Powdered Arsenate of Lead or Paste Arsenate of Lead should be used for Summer spraying on all seed fruits such as apples, pears, quinces, etc. From 1 to 1½ pounds to 50 gallons of water in combination with the usual strength of Arsenate of Lead should be used for Summer spraying of peaches, plums and all stone fruits. 1-lb. packages. Each \$0.30 25-lb. packages. Per lb. \$0.14 5-lb. packages. Per lb. 0.25 100-lb. kegs. Per lb. 0.12 10-lb. packages. Per lb. 0.20

**LIME SULPHUR—Liquid Concentrated**

Kills San Jose scale.

Dilute with cold water—1 gallon makes 10 gallons of spray. Spray when trees are dormant.

1 qt., \$0.45; 1 gal., \$1.00; 5 gal., \$3.50; 25 gal. barrel, \$0.30 per gal.; 50 gal. barrel, \$0.25 per gal.

**MILKOL** Recommended by the Department of Agriculture for use with all arsenical sprays, thereby preventing Bees from working on sprayed trees and being killed by the poison. Milkol is also a disinfectant. 1 gallon, \$1.65; 5 gallons, \$7.50.

**MOWRAH MEAL**

Used extensively for killing earth-worms on lawns and putting greens; a dry powder which should be spread on ground or grass evenly, enough so that it can be readily seen, forming a light covering, then wet it down immediately with the garden hose so as to wash all the powder into the soil. This will soon drive the worms to the surface. Wet down powder immediately after applying. 10 lb. bag \$0.60; Per 100 lbs. \$4.00; ton, \$75.00.

**"NICO-FUME" LIQUID**

1/4-lb. can .....	\$0.75	4-lb. can .....	\$6.25
1-lb. can .....	2.00	8-lb. can .....	11.50

**"NICO-FUME" PAPER**

Is especially effective against Aphis ("Green Fly" and "Black Fly") and against all insects affected by tobacco. "Nico-Fume" is packed in special friction-top tins and is sold as follows: 24 sheets for \$1.25; 144 sheets for \$5.00; 288 sheets for \$8.75.

**"NICO-FUME"—Tobacco Powder**

A poison. For fumigating Greenhouses. Active ingredients, Nicotine, not less than 12.5%. Full directions with each can. Prices: 1 lb. can, \$1.00; 5 lb. can, \$3.75; 10 lb. can, \$6.85.

**NIKOTEEN**

A powerful insecticide for spraying or fumigating against plant lice of all kinds. 30% Tobacco Extract in highly concentrated form. Pint bottles, each, \$2.50.

**O. K. PLANT SPRAY (Wilson's)**

Effective in killing Aphis, Thrip, Lace Wing Fly, Currant Worms, and many other insects. Also a valuable spray for indoor plants, Greenhouse plants. Spray with one part of Wilson's O. K. and 15 parts of water. Price: Half pints, \$0.40; quarts, \$1.00; gallons, \$3.00; 5 gallons, \$12.00.

**PARACIDE**

(A Trade Name for Para-Dichlor-Benzene). A remedy against Peach Tree Borer and for Peach Trees only. A dry powder to be placed in a circle about two inches from the trunk, then covered with dirt. The only safe way. Fall application best. Sold in 1 lb. packages only. Per lb. \$0.60.

**PARIS GREEN—Guaranteed Pure**

This is the highest grade of Paris Green it is possible to make.

1/4 lb. ....	\$0.25	1-lb. ....	\$0.60
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**PYROX**

A combined insecticide and fungicide for leaf-eating insects and fungus diseases. Keeps the foliage green and healthy and free from bugs and worms throughout the growing season. "Sticks like paint" in spite of heavy rains. All ready to use by adding water.

1-lb. can .....	Each \$0.50	25-lb. cans .....	Each \$6.25
5-lb. cans .....	Each 1.75	50-lb. cans .....	Each 10.75
10-lb. cans .....	Each 3.00	100-lb. cans .....	Each 15.50

**RAT CORN**

Rat corn will kill rats and mice. It is safe, sane, and sanitary; rats die in their nests. You find no dead ones around, no odor and no danger of being infected as you do not have to handle dead rats to bury them when killed with Rat Corn. Start to use Rat Corn now before it is too late. Sold in \$0.25, \$0.50 and \$1.00 packages. Sent postpaid on receipt of price.

**RAT NIP**

A quick-acting poison for killing rats. Directions on package must be carefully followed to insure satisfactory results. Per package \$0.35.

**RAX** A scientific destroyer of Rats, Mice, and Rodents. Harmless to human beings and all animals not rodents. It is not a poison. Prepare by adding fresh water and salt to the virus, then place on bread or cheese, meat scraps, or cooked potatoes. Full directions with each package. In packages only. Price, \$0.75 each.

**SCALECIDE** A reliable, simple and economical spray for San Jose Scale, Brown Scale, Red Scale, Cottony Maple Scale, Pear Psylla, Rust Mite, White Fly, and many other scale and soft-bodied sucking insects. Scalecide is not an emulsion, but a soluble miscible oil that mixes instantly with cold water and stays mixed. Spray thoroughly or not at all, using finest nozzle. Fogging is better than drenching. Full directions for use accompany each package.

Quart cans . . . . .	Each \$0.70	30-gal. cans . . . . .	Each \$26.00
1-gal. cans . . . . .	Each 1.65	50-gal. cans . . . . .	Each 38.00
5-gal. cans . . . . .	Each 6.00		

**SEMESAN** Semesan may be applied in dust or liquid form to the seed before planting. It is harmless to the seed but deadly to disease organisms that may be on the seed. Semesan is such a powerful and effective disinfectant that seed treatment with it is ridiculously low in cost, ranging from  $\frac{1}{4}$ c to 1c per pound of seed. One ounce treats 15 lbs. of seed. Effective in controlling damping off and such devastating gladiolus diseases as hard rot and scab. Du Bay Semesan succeeds the products sold as Du Pont Semesan and Bayer Uspulun.

2 oz. . . . .	\$0.50	5 lbs. . . . .	\$13.00
1 lb. . . . .	2.75	25 lbs. . . . .	56.25

**CERESAN**. Ceresan has proven effective in controlling such seed-borne diseases as bunt or stinking smut of wheat; stipe disease of barley and oats and covered kernel smut of sorghum. It is the only dust treatment which has successfully controlled these destructive grain diseases. Ceresan does not injure the seed nor the grain drill. Only 2 oz. of Ceresan required per bushel of wheat, rye or sorghum and 3 oz. for barley and oats. Easy to apply, economical to use.

8 oz. . . . .	\$0.50	1 lb. . . . .	\$0.75	5 lbs. . . . .	\$3.00
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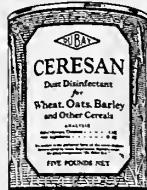
**SEMESAN JR.** Semesan Jr. is especially effective in controlling seed-borne infections without harming the seed embryo in the least. Its use protects the seed from rotting in the ground and makes possible earlier planting which generally results in increased yields. Improved germination, better stands, control of certain diseases, increased yields are the benefits which thousands of farmers are reaping, at a cost of less than 3c an acre. Succeeds the products sold as Du Pont Semesan Jr. and Bayer Dust.

4 oz. . . . .	\$0.50	1 lb. . . . .	\$1.75	5 lbs. . . . .	\$8.00
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**SEMESAN BEL.** Simply mix, dip, drain, dry and your seed potatoes are ready for planting. Semesan Bel may be used on either whole or cut seed pieces. Semesan Bel effectively controls such seed-borne disease organisms as scabs, rhizoctonia and black-leg. By controlling these diseases, germination is generally increased, stand improved and the resultant crop bigger and of better quality. One pound treats 16 to 20 bushels of seed. Du Bay Semesan succeeds the product sold as Du Pont Semesan Bel and Bayer Dipdust.

4 oz. . . . .	\$0.50	5 lbs. . . . .	\$8.00
1 lb. . . . .	1.75	25 lbs. . . . .	31.25

Semesan cannot be sent by mail according to United States postal regulations.



**SHEEP DIP—MacDougall's** An effective non-poisonous preparation in liquid form for dilution with water, for killing vermine on Sheep, Cattle, and other domestic animals.

Per lb., \$0.75. One-half gallon, \$1.75. One gallon, \$3.00.

**SLUG SHOT** Acts not only as an insect destroyer, but it is an excellent fertilizer as well.

1-lb. boxes . . . . .	Each \$0.20	10-lb. packages . . . . .	Each \$1.15
5-lb. packages . . . . .	Each 0.60	In barrels of about 225 lbs. . . . .	per lb., \$0.09.

**SNAROL** Cutworms, slugs, snails, grasshoppers and other annoying pests are quickly exterminated by this amazing new preparation. Snarol is a ready prepared meal that you simply broadcast on the ground—under the flowers and plants. Water will not harm it.

1-lb. carton . . . . .	\$0.50	15-lb. bag . . . . .	\$3.75
3-lb. carton . . . . .	1.00		

**SOAP—Fish Oil** This is for the destruction of San Jose scale and all sucking insects.

1-lb. packages . . . . .	\$0.30	10-lb. packages . . . . .	\$2.00
5-lb. packages . . . . .	1.25	Per 100 lbs. . . . .	15.00

Special prices on kegs and casks.

**SOAP—Sulpho Tobacco** A superior insecticide and fertilizer. Non-injurious to the tenderest growth. Kills all insect life in the window-garden. Unsurpassed for rose bushes. For domestic purposes it is valuable as an exterminator of Moths, Cockroaches, Carpet Bugs, and is a superior wash for dogs and all other animals.

3-oz. cake . . . . .	\$0.10	8-oz. cake . . . . .	\$0.25
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**SOAP SPRAY—“Imp.”** A soap solution containing no mineral poison. Effective

against aphids, fruit pests, elm leaf beetle, black and green fly. Valuable as a spray for evergreens. For general spray use one gallon with twenty-five gallons of water.

Prices: qt. \$1.00; gal. \$3.00; 5 gals., \$12.00.



Imp. Soap Spray

**SULFOCID** A powerful summer fungicide for fruits, vegetables and flowers. Very superior for the control of apple scab, brown rot of peaches, and other serious diseases. One gallon makes 200 gallons of spray. Recommended as a substitute for Liquid Bordeaux and is more satisfactory. Pint cans, \$0.70 each; quart cans, \$1.00; gallon cans, \$2.75; 5 gallon cans, \$8.75.

**SULPHATE OF COPPER—Blue Stone**

1 lb. . . . .	\$0.12	100 lbs. . . . .	\$10.00
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**SULPHUR—Flowers of** Used to prevent and cure mildew on plants.

1 lb. . . . .	\$0.12	100 lbs. . . . .	\$8.00
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**SULPHUR—Tricked** Compounded Sulphur, which will remain in suspension for a much longer period than common Flowers of Sulphur or ordinary Dusting Sulphur. Recommended as a dry dust spray to prevent mildew and other fungus diseases. 1 lb. \$0.20; 5 lbs. \$0.75; 25 lbs. \$2.00; 100-lb. can, \$7.00.

**SUNOCO SPRAY** A self emulsifying spray oil; kills scale, aphids, psylla, red mite, leaf hopper, and certain other insects that overlive winter on trees. A good spreader and sticker for Bordeaux Mixture, Arsenate of Lead, and Nicotine. Will not injure paint on buildings.

Gallon Cans . . . . .	\$1.25	30 Gallon Cans . . . . .	\$18.00
5 Gallon Cans . . . . .	5.00	50 Gallon Cans . . . . .	26.00
15 Gallon Cans . . . . .	10.50		

**TANGLEFOOT** A perfect safeguard for trees, vines, and shrubs against Gypsy, Brown-tail and Tussock Moth, Canker Worm, Cut Worm, Ants, and other creeping insects. Do not heat it but apply it directly from the can.

1-lb. can ..... Each \$0.60 10-lb. cans ..... Each \$5.25  
5-lb. cans ..... Each 2.75 25-lb. cans ..... Each 11.00

**TEROGEN** Autumn-Winter Ground Dressing. Terogen destroys the spores of fungi of most diseases that have fallen to the ground, as well as the larvæ of most insects, including the rose pith borers, rose bugs, aphids and most beetles.

Pound ..... \$0.75 Ten pounds ..... \$4.75  
Two pounds ..... 1.25 Twenty-five pounds...11.00  
Five pounds ..... 2.75 One hundred pounds ..40.00

**TOBACCO DUST—“Gold Leaf”** A high-grade Tobacco Dust of special manufacture. Finely pulverized, of uniform texture, for dusting on plants. Packed in paper-lined burlap sacks. Guaranteed to contain not less than 1% Nicotine by weight, dry basis. Prices: 100 lbs., \$6.00; 25 lbs., \$2.00; 1 lb., 15c.

**TOBACCO STEMS** For fumigating. If used as a mulch around sweet peas and other plants, they prevent the destructive work of the wire and cut worms. 1lb. \$0.05; 30-lb. sack for \$1.25; 100-lb. sack for \$4.00.

## CHEMICAL COMPOUNDS FOR DESTROYING ALL KINDS OF VEGETATION

**ATLACIDE** The non-poisonous weed killer in a duster container—a dry powder which you can readily shake from the sifter top can—ready for use at any time. The powder is harmless to animals or human beings. Furnished in two sizes: Small size Duster 50c; large size Duster containing about 3½ lbs. \$1.50.

**ATLAS NON-POISONOUS WEED KILLER** This is a patented chemical compound which kills vegetation quickly, both top and roots; absolutely harmless to human beings, animals, and pets. Will not stain walls, walks, or bricks. The liquid should be diluted one part up to twenty parts of water.

5 gallon drums .....	Each \$8.00
(will clear 2,500 sq. ft. of vegetated area)	
30 gallon drums .....	Each 37.50
(will clear 15,000 sq. ft. of vegetated area)	
50 gallon drums .....	Each 55.00
(will clear 25,000 sq. ft. of vegetated area)	
Dandelion Guns .....	Each 1.25

## SPRAYERS AND DUSTERS FOR APPLYING ALL KINDS OF INSECTICIDES AND FUNGICIDES

A complete line of Sprayers will be found on page 181.

Special Cyanogas Dusters, Corona Powder Guns, Woodason Powder Bellows, Dickey's Bug Death Shakers will be found on Page 171.

Game Traps, Self Setting Mole Traps and Wire Mesh Tree Guards will be found on Page 174.

Tree Healing Paint, Creosote Mixture, Pine Tar, Carbolineum, Grafting Wax will be found on Page 170.

**VERMINE** Destroys white grub, cut and eel worms, slugs, maggots, root lice and ants. For greenhouses, gardens, lawns, tennis courts, and golf greens.

¼-pt. cans .....	\$0.25	1-qt. cans .....	\$1.00
½-pt. cans .....	.40	1-gal. cans .....	3.00
1-pt. cans .....	0.65		

**VOLCK** One of the most powerful insecticides known; effective on practically all insects on ornamental and flowering plants, especially against Red Spider, Cyclamen Mite, Aphis, and Scale. Volck is odorless, colorless, and non-poisonous. The most tender foliage is safe where Volck is used. Full directions for use accompany each shipment; must not be used in combination with sulphur spray compounds.

Half pint Cans .....	\$0.50		
Pint Cans .....	0.75		
Quart Cans .....	1.00		
Gallon Cans .....	3.00	14 Gallon Drums ....	25.00
5 Gallon Cans .....	\$12.00	28 Gallon Drums ....	40.00



**X-L-ALL LIQUID INSECTICIDE** The famous English patented preparation. Kills mealie bug, red spider, and other insects. The perfect insecticide for spraying. Pt. \$1.50; qt. \$3.00; ½ gal. \$5.50; gal. \$10.50.

**DOLGE WEED KILLER** Do it chemically. Easy as sprinkling. A minute a day keeps the weeds away.

1 qt. can enough for	10 gals. \$0.60
1 gal. can enough for	40 gals. 1.75
5 gal. can enough for	200 gals. 8.50
10 gal. can enough for	400 gals. 15.00
30 gal. bbl. enough for	1200 gals. 37.50
50 gal. bbl. enough for	2000 gals. 57.75

**HERBICIDE** A powerful chemical solution for destroying undesirable vegetation of all kinds. Dilution: 1 gallon of Herbicide to 40 gallons of water. It is recommended for roadways, paths, gutters, and tennis courts.

1 quart. ....	Each \$0.70	30-gallon drums. ....	Each \$30.00
1-gallon can. ....	Each 2.00	50-gallon barrels. ....	Each 45.00
5-gallon can. ....	Each 7.50		

## STIMUGERM

The best inoculation for all legume seeds. The "Always Fresh" inoculant. Stimugerm will reduce your fertilizer bills, give you larger crops, and improve your soil by producing nodules on the roots of legumes. No other inoculant is as strong and virile. No other inoculant will give the profusion of nodules. When ordering be sure to state what crops you wish to inoculate.

For small seeds, Clovers, Alfalfas, etc.

¼ bushel size.....	35¢	Bushel size.....	\$1.00
½ bushel size.....	60¢	2½ bushel size.....	2.25

For large size seeds, Soy Beans, Cow Peas, Peas, and Beans.

½ bushel size....35¢	Bushel size....60¢	5 bushel size....\$2.25
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Garden Size for Garden Peas, Beans, and Sweet Peas, 25 cents.

(Postpaid when cash accompanies order.)

## SPRAYING CALENDAR

This Calendar, based upon the recommendations of Agricultural Colleges and Experiment Stations, gives condensed directions for combatting the commonest Insect Pests and plant diseases. The information herein is brief and careful attention should be given to the directions for Mixing and Applying on each package of Spraying material. Timeliness and thoroughness are the most important factors in controlling Plant pests with Sprays. Chewing insects and Fungous diseases are controlled by applying a protective coat of Poison or Fungicide to the plant before the attack of the Pest. After the injury is apparent it is often too late to spray effectively. Sucking insects are killed only when hit with the Spray. Clear warm days when the material dries quickly are best for spraying. Cover the plants thoroughly and evenly, using ample pressure and a nozzle that throws a fine mist. Do not overspray until the plant drips.

Evergreens such as Arborvitae, Mugho Pines and Spruces are often infested with Scale, Mites and Gall Lice. They should be sprayed in early Spring with Sunoco, Secalecide or Volck.

Cutworms attack all kinds of tender Garden plants. Use Snarol or Evergreen according to directions on Package and repeat at 10 day intervals during May and June to kill migrating worms.

Wire worms are effectively combatted by spreading Cyanogas G in furrows and covering with soil. This must be done before seed is sown. Use 1 lb. to each 100 ft. of furrow.

For Ants in the garden, blow Cyanogas G into the tunnels. In the house use Antrol.

## FOR ORCHARD FRUITS, SMALL FRUITS AND BERRIES

Plant	Enemy	Material	Amount	When Applied	Remarks
Apple	Scale, Plant Lice European Red Mite Apple Scab	Sunoco or Secalecide Dry Lime Sulfur or Sulfocide	1 Gal. in 15 Gals. Water Per Directions On Package	While Buds are Dormant When Buds Show Pink Just After Petals Fall—3 weeks after Petals fall.	Do not use Oil Sprays in Freezing Weather Can be mixed with Lead Arsenate or Black Leaf "40" if necessary for combination spray, when Lead Arsenate and Lime Sulfur are mixed, add $\frac{1}{2}$ lb. Calcium Caseinate
	Coddling Moth	Lead Arsenate	$\frac{1}{2}$ lb. (Dry) in 50 Gals. Water 3 lbs. (Paste) in 50 Gals. Water	Just after Petals fall—3 weeks later	Calyx or Petal fall Spray Most important
	Plum Curculio	Lead Arsenate	2 lbs. (Dry) in 50 Gals. Water 4 lbs. (Paste) in 50 Gals. Water	7 to 10 days after Petals fall— 3 Weeks after Petals fall	Picking up Drops, Summer Cultivating and burying leaves and brush in Spring aid in control
	Apple Maggot (Railroad Worm) Plant Lice	Lead Arsenate Black Leaf "40" or Evergreen	1- $\frac{1}{2}$ lb. (Dry) in 50 Gals. Water $\frac{1}{2}$ Pint in 50 Gals. Water Using Evergreen directions on package	July 1-10 about Aug. 1 (On Very Susceptible varieties Add to other Sprays or whenever Insects abundant	Pick up and destroy Windfalls at Harvest Fish Oil Soap 4 lb. in 50 Gals. of Spray greatly increases effectiveness
Pear	Psylla Eggs, Nymphs & Adults	Dry Lime Sulfur Black Leaf "40"	12-14 lbs. in 50 Gals. Water $\frac{1}{2}$ Pint in 50 Gals. Water	As Blossom Buds are separating in cluster Just after Petals fall—Repeat when necessary	Volck—3 parts in 100 parts water is also effective Volck 1 part in 100 parts water is also effective
	Scale, Scab and Coddling Moth	Same as for Apple			Flemish Beauty variety should be carefully sprayed for Scab
Grape	Black Rot, Anthracnose and Downy Mildew	Dry Bordeaux Mixture	8 lbs. in 50 Gals. Water	When Shoots are 8-12" long—Just after Blossoms fall—2 weeks later	Dry Bordeaux Mixture and Lead Arsenate can be mixed
	Flea Beetle, Plum Moth	Lead Arsenate	1- $\frac{1}{2}$ lbs. in 50 Gals. Water	Just after Blossoms fall—2 wks. later	
	Berry Moth, Root Worm	Lead Arsenate	1- $\frac{1}{2}$ lbs. in 50 Gals. Water	Just after Blossoms fall	
	Leaf Hopper Rose Chafer	Evergreen or Black Leaf "40" Evergreen	$\frac{1}{2}$ pint in 50 Gals. Water Per directions on package	When Insects appear When Insects appear	Evergreen is also effective Handpicking is helpful

## FOR VEGETABLES

Asparagus	Common Beetle 12 Spotted Beetle	Lead Arsenate with Calcium Caseinate Sticker	1 lb. in 50 Gals. Water $\frac{1}{2}$ lb. to 50 gals. spray	On young beds and after cutting season when insects appear, usually 3 times during season	On cutting Beds, spray with Evergreen and leave Trap plants which can be sprayed with Lead Arsenate
Broccoli	Plant Lice	Black Leaf "40" Plus Soap	$\frac{1}{2}$ Pint and 4 lb. Soap in 50 Gals. Water	When Insects appear	Corrosive Sublimate Corrodes Metal, use in wooden or crockery containers
	Club Root Cabbage Maggot	Lime Corrosive Sublimate	100 bushels per acre 1 oz. in 10 Gals. Water	In Fall and worked into soil 3 times at weekly intervals beginning 1 week after transplanting. Apply $\frac{1}{2}$ cup per plant	Use Hellebore or Evergreen, when Heads are well formed
Cabbage Cauliflower	Green Cabbage Worms and Loopers	Lead Arsenate with Calcium Caseinate Sticker	1 lb. in 50 Gals. Water $\frac{1}{2}$ lb. in 50 Gals. Spray	When Insects appear Several applications will be necessary	
	Wilt, Mildew, Scab Striped Beetle Vine Borer	Dry Bordeaux Mixture Lead Arsenate Black Leaf "40"	6 lbs. in 50 Gals. Water 1- $\frac{1}{2}$ lbs. in 50 Gals. Water 1 pint in 50 Gals. Water	4 or 5 times at 10 day intervals after vines begin to run Add to treatments for Wilt, Mildew and Scab Once a week during July	If Beetles are controlled, there will be little trouble with diseases Combine Lead Arsenate and Bordeaux for all Sprays Kills Eggs on Stems. Cut out Borers when found
Potato	Plant Lice Colorado Beetle, Flea Beetle, Leaf Hopper Early and Late Blight	Same as for Cabbage Lead Arsenate	2 lbs. in 50 Gals. Water	Combine with Sprays for Blight	Combine Lead Arsenate and Bordeaux Mix- ture in all Sprays for Potato
	Dry Bordeaux Mixture	$\frac{8}{10}$ lbs. in 50 Gals. Water	Throughout season	Begin when Vines are 6 inches tall and keep covered Soak seed for 5 minutes after cutting	10 or 12 Applications may be necessary in rainy seasons Follow directions on package carefully
	Scab, Black Leg and Rhizoctonia	Semesan Bel	1 lb. in 10 quarts Water		
Onion	Maggot	Volck and Dry Bordeaux Mixture	Volck 1- $\frac{1}{2}$ Gals. in 100 Gals. Water Bordeaux 12 lbs. in 100 Gals. Spray	3 times at weekly intervals beginning about June 10	Dissolve Bordeaux in the Diluted Volck
	Thrips	Black Leaf "40" Plus Soap	B. L. "40" $\frac{1}{2}$ Pint— Soap 2 lbs. in 50 Gals. Water	When Insects appear—Repeat when necessary	Fish Oil Soap is better than other Soaps with Black Leaf "40"
	Smut	Formaldehyde	1 Gal. in 50 Gals. Water	Sprinkle in Furrow when seed is sown	About 50 Gals. per acre
Tomato	Blight and Leaf Spot	Dry Bordeaux Mixture	8 lbs. in 50 Gals. Water	4 or 5 times at 10 day intervals after transplanting	Combine with one of Sprays for Blight
	Hornworm and Fruit Worm	Lead Arsenate	2 lbs. in 50 Gals. Water	When first fruit sets	



## Books for better Gardens

No gardening operations can be undertaken intelligently without first having accurate knowledge. The reading of good gardening books insures good gardening results. Books not only stimulate the imagination but they tell you

### WHEN TO PLANT

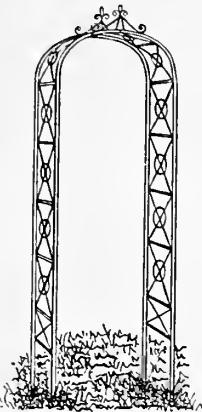
When ordering Books to be sent by mail kindly add postage at the following rates. Books from 50c to \$2.00 add 10c postage; books from \$2.00 to \$5.00 add 15c; books \$5.00 and over 20c.

<b>The Standard Cyclopedias of Horticulture.</b> Edited by Prof. L. H. Bailey. 3 volumes, the set.....	\$25.00
<b>Vegetable Gardening.</b> Watts .....	2.50
<b>Vegetable Forcing.</b> Watts .....	3.00
<b>Asparagus.</b> Hexamer .....	1.00
<b>Cauliflower &amp; Broccoli Culture.</b> Bouquet .....	1.25
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<b>Muskmelon Production.</b> Lloyd .....	1.25
<b>Mushroom Growing.</b> Duggar .....	2.00
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<b>Tomato Production.</b> Work .....	1.25
<b>Starting Early Vegetable &amp; Flower Plants Under Glass.</b> Nissley .....	3.00
<b>Gardening Under Glass.</b> Rockwell .....	2.50
<b>Plant Propagation, Greenhouse &amp; Nursery Practice.</b> Kains .....	2.25
<b>Greenhouses; Their Construction &amp; Equipment.</b> Prof. Wright .....	2.00
<b>Greenhouse Construction.</b> Taft .....	2.25
<b>Greenhouse Management.</b> Taft .....	2.25
<b>The Nursery Manual.</b> Prof. Bailey .....	2.50
<b>The Pruning Manual.</b> Prof. Bailey .....	2.50
<b>Principles and Practice of Pruning.</b> Kains .....	2.50
<b>Commercial Floriculture.</b> Fritz Bahr .....	5.50
<b>Plant Culture.</b> Oliver and Hottes .....	3.50
<b>Practical Plant Propagation.</b> Prof. Hottes .....	2.00
<b>Gardening With Peat Moss.</b> Rockwell .....	1.00
<b>The Care of Ornamental Trees.</b> Greeves & Carpenter .....	1.25
<b>Practical Landscape Gardening.</b> Cridland .....	2.50
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<b>Hedges, Windbreaks, Shelters and Live Fences.</b> Powell .....	1.00
<b>The Cultivated Evergreens.</b> Prof. Bailey .....	3.00
<b>Hardy Evergreens.</b> Schrepfer .....	1.25
<b>Evergreens for the Small Place.</b> Rockwell .....	1.00
<b>The Book of Shrubs.</b> Prof. Hottes .....	3.00
<b>Shrubs.</b> Rockwell .....	1.00
<b>Garden Guide</b> .....	1.50
<b>1001 Garden Questions Answered.</b> Prof. Hottes.....	2.00
<b>Practical Flower Gardening.</b> Cloud .....	2.50
<b>The Culture of Perennials.</b> Cloud .....	2.50
<b>A Little Book of Perennials.</b> Prof. Hottes .....	1.50
<b>The Book of Annuals.</b> Prof. Hottes .....	1.50
<b>A Little Book of Climbing Plants.</b> Prof. Hottes .....	1.75
<b>Around the Year in the Garden.</b> Rockwell .....	2.50
<b>The Woman's Flower Garden.</b> Kift .....	1.00
<b>City and Suburban Gardening.</b> Sherlock .....	1.00

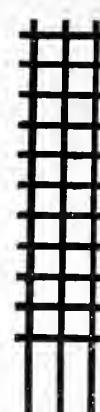
### WHAT TO PLANT

<b>America's Greatest Garden.</b> Wilson .....	3.00
<b>Aristocrats of the Garden.</b> Wilson .....	5.00
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<b>Plant Hunting.</b> Wilson (2 vols. boxed) .....	15.00
<b>Rock Gardens.</b> Rockwell .....	1.00
<b>Water Gardens &amp; Goldfish.</b> Sawyer & Perkins.....	1.50
<b>The Book of Water Gardening.</b> Peter Bisset .....	5.00
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<b>Gladiolus.</b> Rockwell .....	1.00
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<b>Irises.</b> Rockwell .....	1.00
<b>Modern Dahlia Culture.</b> Waite .....	1.50
<b>Garden Cinderellas: How To Grow Lilies in the Garden.</b> Fox .....	5.00
<b>The Book of Bulbs.</b> Rockwell .....	3.00
<b>Bulbs and Tuberous Rooted Plants.</b> Allen .....	2.00
<b>Bulbs That Bloom in the Spring.</b> Weston .....	2.00
<b>Home Flower Growing.</b> Volz .....	3.50
<b>Milady's House Plants.</b> Palmer .....	1.25
<b>The Modern Aquarium.</b> Innes .....	1.00
<b>American Fruits.</b> Fraser .....	4.75
<b>The American Apple Orchard.</b> Prof. Waugh .....	1.75
<b>American Peach Orchard.</b> Prof. Waugh .....	1.75
<b>The Pear and Its Culture.</b> Tukey .....	1.25
<b>Beginner's Guide to Fruit Growing.</b> Prof. Waugh .....	1.25
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<b>Grape Culturist.</b> Fuller .....	2.00
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<b>Practical Poultry Farming.</b> Hurd .....	3.50
<b>Poultry Breeding and Management.</b> Dryden .....	2.00
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<b>Ducks &amp; Geese.</b> Lamon & Slocum .....	2.00
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<b>Roadside Marketing.</b> Watts .....	1.25
<b>Right Use of Lime in Soil Improvement.</b> Agee .....	1.25
<b>First Principles of Soil Fertility.</b> Vivian .....	1.40
<b>The Farm and Garden Rule Book.</b> Prof. Bailey .....	3.00
<b>Handbook of Fertilizers.</b> Gustafson .....	1.25

# BRECK'S HORTICULTURAL SUNDRIES

Breck's No. 2  
Rose ArchWire Garden  
ArchRedwood  
Dahlia  
Stakes

Veranda



Lattice



Fan

## TRELLISES

Made of wood and rattan painted green. The most durable and ornamental trellis on the market.

### Special Sizes and Styles Made to Order

If crating is required for Express or freight shipments, it will be charged at cost.

**Lattice Trellis.** Not carried in stock, but can be shipped quickly from factory.

Size	Each	Doz.	Size	Each	Doz.
6 ft.x18 in.....	\$3.00	\$30.00	10 ft.x18 in.....	\$5.00	\$50.00
7 ft.x18 in.....	3.50	35.00	11 ft.x18 in.....	5.50	55.00
8 ft.x18 in.....	4.00	40.00	12 ft.x18 in.....	6.00	60.00
9 ft.x18 in.....	4.50	45.00			

### Bow Trellis

No.	Size	Each	Doz.	No.	Size	Each	Doz.
1	30x10 in.	\$1.00	\$10.00	4	48x15 in.	\$2.00	\$20.00
2	30x14 in.	1.40	14.00	5	60x18 in.	2.25	22.00
3	36x12 in.	1.60	15.00	6	72x20 in.	2.50	24.00
3½	42x14 in.	1.75	18.00				

### Fan Trellis

Size	Each	Doz.	Size	Each	Doz.
1½ ft.x 7 in.	\$0.50	\$4.00	4 ft.x27 in.	\$2.25	\$22.00
2 ft.x10 in.	.55	6.00	5 ft.x32 in.	2.80	27.00
2½ ft.x13 in.	.95	8.00	6 ft.x38 in.	3.25	32.00
3 ft.x16 in.	1.50	14.00	7 ft.x42 in.	3.70	37.00
3½ ft.x21 in.	1.65	16.00	8 ft.x46 in.	4.15	42.00

**Veranda Trellis.** Ornamental and substantial. Especially adapted to outdoor use for high-climbing plants.

Size	Each	Doz.	Size	Each	Doz.
2 ft. ....	\$1.10	\$11.00	7 ft.x1½ ft. ....	\$3.50	\$36.00
3 ft. ....	1.50	14.00	8 ft.x1½ ft. ....	4.00	40.00
4 ft. ....	1.85	18.00	9 ft.x1¾ ft. ....	4.50	45.00
5 ft.x1½ ft. ....	2.50	25.00	10 ft.x1¾ ft. ....	5.00	50.00
6 ft.x1½ ft. ....	3.00	30.00	11 ft.x2 ft. ....	5.50	55.00
			12 ft.x2 ft. ....	6.00	60.00

### Extra Wide Veranda Trellis

Size	Each	Doz.	Size	Each	Doz.
6 ft.x2½ ft....	\$4.00	\$38.00	10 ft.x27/12 ft.	\$6.60	\$65.00
8 ft.x2½ ft....	5.25	52.00	12 ft.x3 ft....	7.90	78.00

## WIRE GARDEN ARCHES

(Painted Green)

Whole Height	Width	Span	Each
5 ft. ....	12 in.	2½ ft. ....	\$8.50
6 ft. ....	12 in.	2½ ft. ....	10.00
8 ft. ....	18 in.	4 ft. ....	13.00
8 ft. ....	36 in.	4 ft. ....	24.00

Wood Painted White. Custom Built.

No.	Height	Depth	Span	Price
1	7 ft. 8 in.....	12 in.....	4 ft.....	\$20.00
2	7 ft. 8 in.....	24 in.....	4 ft.....	25.00
3	7 ft. 8 in.....	36 in.....	4 ft.....	30.00

## ROSE ARCHES

Height	Doz.	Per 100	Height	Doz.	Per 100
1½ ft.....	\$0.30	\$2.00	3½ ft.....	\$1.25	\$8.50
2 ft.....	.50	3.50	4 ft.....	1.60	11.00
2½ ft.....	.75	5.00	5 ft.....	2.25	16.00
3 ft.....	1.00	7.00	6 ft.....	2.75	18.00
Extra Heavy .....			4 ft.....	2.75	20.00
Extra Heavy .....			5 ft.....	4.00	30.00
Extra Heavy .....			6 ft.....	5.00	35.00

## PLANT STAKES

Painted Green. For pot and garden use. The three extra heavy sizes have black painted points to prevent moisture entering the fibre of the wood.

### SQUARE

Height	Doz.	Per 100	Height	Doz.	Per 100
1½ ft.....	\$0.30	\$2.00	3½ ft.....	\$1.25	\$8.50
2 ft.....	.50	3.50	4 ft.....	1.60	11.00
2½ ft.....	.75	5.00	5 ft.....	2.25	16.00
3 ft.....	1.00	7.00	6 ft.....	2.75	18.00
Extra Heavy .....			4 ft.....	2.75	20.00
Extra Heavy .....			5 ft.....	4.00	30.00
Extra Heavy .....			6 ft.....	5.00	35.00

### UNPAINTED HARDWOOD STAKES

Neat, durable, clean; used for carnations, roses, etc.	Per 100	\$0.85	Per 1000	\$7.00
	Per 100	.95	Per 1000	8.00
	Per 100	1.25	Per 1000	9.00

### DAHLIA OR GARDEN STAKES

The most desirable stake on the market for Dahlias, Tomatoes, etc. They are made of California Redwood. Unpainted, smooth finish, 1¼" square—will not rot, almost indestructible.

Length	Doz.	Per 100	Length	Doz.	Per 100
5 ft. ....	\$1.50	\$10.00	6 ft. ....	\$2.00	\$12.00

### GREEN STAINED BAMBOO STAKES

Per 100	Per 1000	Per 100	Per 1000
\$0.75	\$5.00	3 ft. ....	\$1.00
.85	6.00	3½ ft. ....	1.25
.90	7.00	4 ft. ....	1.50
		5 ft. ....	2.50

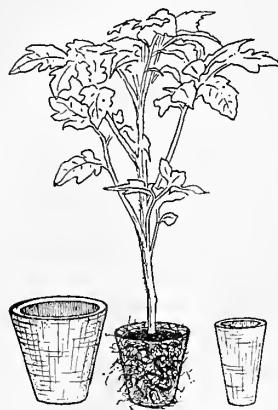
### UNPAINTED CANE STAKES

These are light, strong, durable. Length about six feet. Florists use them. They may be cut to any length.

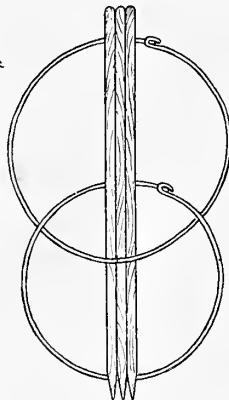
Per 100 .....	\$2.00	Per 1000 .....	\$15.00
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### UNPAINTED BAMBOO STAKES

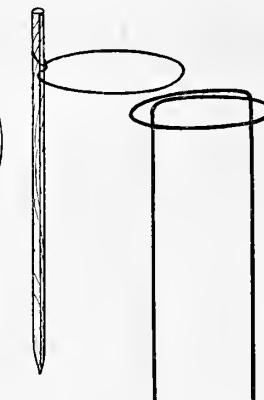
Heavy enough to be used as fishing poles, spray poles or on the golf course.	Length	Each	Per 100	Length	Each	Per 100
	10 ft. ....	\$0.12	\$10.00	18 ft. ....	\$0.30	\$25.00
	16 ft. ....	.20	18.00	20 ft. ....	.35	30.00



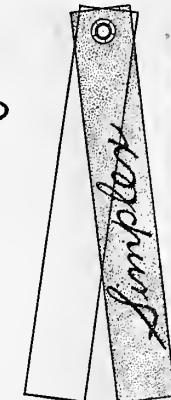
Growell Pots



Wood and Wire Support



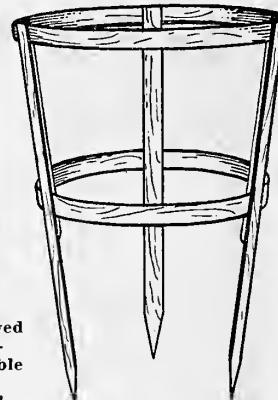
Adjusto Plant Support



Carnation Support



Simplex Label



Two Hoop Wood Support

COPPER No. 2

Improved Indestructible Tree Label

**TOMATO SUPPORTS AND BEAN POLES**

**Two-Hoop Wood.** Strong, light, practical, quickly set in position and can be stored in a small space. Per doz. \$2.00.

**Wood and Wire.** Uprights of hardwood. Two wire rings. When not in use they fold for storage. Each, \$0.30; doz. \$3.00.

**Bean Poles,** 8 to 10 ft. long. Per doz. \$1.80; per 100, \$14.00.

**"ADJUSTO" PLANT SUPPORT**

A simple, unbreakable, practical and cheap support. Adjustable to any height. For Tomatoes, Roses, Hydrangeas and Dahlias, etc. Made of hardwood, protected by a coat of green paint, and heavy spring wire also painted green.

3 ft. .... Each, \$0.30      Per doz. \$3.00  
5 ft. .... Each, .45      Per doz. 4.80

**EXCELSIOR WIRE CARNATION SUPPORTS**

Sizes: 13 and 20 inches in height. Per 100, \$2.50; Per 1000, \$22.00.

**GALVANIZED WIRE PLANT STAKES**

2½ ft. ....	Per 100	\$2.60	4 ft. ....	Per 100	\$4.00
3 ft. ....	Per 100	3.00	4½ ft. ....	Per 100	4.50
3½ ft. ....	Per 100	3.50	5 ft. ....	Per 100	5.00
6 ft. ....	Per 100	6.00			

**GALVANIZED ROSE STAKES**

Stakes three feet long with loop at end for attaching plant label making a permanent marker. Per doz. 60c; per 100, \$4.00.

**MAGEE LIGHTNING PLANT TIE**

A wire loop for fastening carnations, chrysanthemums, and other small plants to stakes or wires in greenhouse; packed a thousand in a box. Price \$2.25 per 1000.

**MATCH STICKS**

12 inch, Green .....	Per 100	\$0.50	Per 1000	\$3.00
18 inch, Green .....		.60		4.80

**WOOD LABELS**

For Pots, Garden, and Trees

**POT LABELS**

Per 100	Per 1000	Per 100	Per 1000
Size	Painted	Painted	Plain
4 x 5/8 in.	\$0.20	\$1.70	\$1.30
4½ x 5/8 in.	.25	2.00	1.50
5 x 5/8 in.	.30	2.25	1.75
Size	Painted	Painted	Plain
6 x 5/8 in.	\$0.35	\$2.75	\$2.00
10 x 5/8 in.	.75	6.60	4.50
12 x 5/8 in.	.85	7.70	6.40

**GARDEN SIZES**

Per 100	Per 1000	Per 100	Per 1000
Painted	Painted	Painted	Painted
8 x 7/8 in.	\$0.85	\$8.10	\$6.40
10 x 7/8 in.	1.15	10.60	8.50
12 x 1 1/8 in.	1.35	\$12.55	\$10.60

**WIRED LABELS**

Per 100	Per 1000		
Painted	Painted	Plain	
3 1/2 x 5/8 in.	\$0.25	\$2.15	\$1.70
3 1/2 x 5/8 in.	.35	2.70	2.15
Any Size and Style of Wood Labels made to Order			

**PENCILS**

Wolff's Indelible Garden. For writing on wood labels, with point protector ..... Each, 20c; doz. \$2.00

**SIMPLEX WEATHERPROOF PLANT LABELS**

The writing is protected by the transparent cover, and will last indefinitely if done either with lead pencil or Waterproof India Ink. Prices include Copper Wire for Attaching.

No.	Sizes	Per Doz.	Per 100
1	3 x 1/2 in.	\$0.45	\$3.00
2	4 x 3/4 in.	.70	5.00
3	5 x 1 in.	.95	7.00

Special sizes to order.

**COPPER LABELS**

**Improved Indestructible Tree.** These labels are made of copper alloy, and so constructed that the wires can not cut through the metal from constant flapping in the wind. If properly attached there is no danger of becoming unfastened. By using a stylus or hard lead pencil the metal is indented and the writing is permanent.

No. 1. 3 1/2 x 3/4 in. .... Per 100, \$1.50  
No. 2. 5 x 1 1/8 in. suitable for two lines of

writing ..... Per 100, 2.00

**GROWELL POTS**

Light, inexpensive, of moisture retaining organic material; they absorb and hold from 8 to 10 times their weight in moisture—prevent drying out—surplus water drains off quickly; may be dipped in liquid fertilizer or lime water to hasten development. Seeds started in them sprout and grow quickly—the roots grow all through and feed on the pot developing sturdy plants that give better, bigger earlier crops. Plant and pot are set out together and no "setback" results.

Size	12	50	100	1000
No. 2 Growell Pots	3 x 2 3/4	\$0.50	\$1.75	\$3.00
No. 3 "	3 1/2 x 3 3/4	.60	2.00	3.50
No. 4 "	4 x 4	.75	2.50	4.25
No. 5 "	5 x 5	1.00	3.25	6.00
No. 6 "	6 1/4 x 6 1/4	1.25	4.25	7.75
No. 22 "	4 x 2 3/4	.80	2.00	3.50

**FIBRE SAUCERS**

Made from indurated wood fibre, mahogany finish, light-weight but durable being practically waterproof—they prevent moisture from injuring tables, floors and carpets. Sizes as follows:

Dia.	Depth	Each	Doz.	Dia.	Depth	Each	Doz.
5 1/2 in.	5/8 in.	\$0.35	\$3.50	10 in.	5/8 in.	\$0.70	\$8.00
6 1/4 in.	5/8 in.	.40	4.30	12 in.	5/8 in.	1.00	11.00
8 in.	5/8 in.	.55	6.20	14 in.	5/8 in.	1.30	15.15

**Extra Heavy and Deep Saucers**

Dia.	Depth	Each	Doz.	Dia.	Depth	Each	Doz.
14 in.	1 1/4 in.	\$1.85	\$21.00	18 in.	1 1/4 in.	\$2.60	\$30.00
16 in.	1 1/4 in.	2.10	24.50				



Cedar Plant Tub



Oak Jardinier



Fancy Clay Hanging Pot



Flower Pots



Round Seed Pans

## CLAY POTS AND SAUCERS

Inside measurements, width and depth equal  
Packing charged extra

### HEW'S FLOWER POTS, EARTHEN

Height and diameter are the same

Diameter in inches	Each	Doz.	Per 100	Diameter in inches	Each	Doz.	Per 100
2½	\$0.03	\$0.25	\$1.25	10	\$0.60	\$6.50	\$50.00
3	.04	.35	2.50	12	1.25	13.00	100.00
4	.05	.45	3.75	13	1.30		
5	.09	.85	6.80	14	1.70		
6	.12	1.25	10.00	15	2.65		
7	.18	2.10	17.00	16	3.75		
8	.30	3.25	24.50	18	5.65		
9	.40	4.25	38.00				

### ROUND SEED PANS, EARTHEN

Diameter in inches	Each	Doz.	Per 100	Diameter in inches	Each	Doz.	Per 100
6	\$0.12	\$1.30	\$10.00	12	\$1.25	\$14.00	\$104.00
8	.30	3.25	24.50	14	1.75	20.00	
10	.60	6.50	50.00				

### SAUCERS, EARTHEN

Diameter in inches	Each	Doz.	Per 100	Diameter in inches	Each	Doz.	Per 100
3	\$0.04	\$0.35	\$2.25	10	.20	2.10	17.00
4	.05	.40	2.80	12	\$0.30	\$3.25	\$25.00
5	.06	.50	3.75	13	.40	4.25	35.00
6	.08	.75	5.00	14	.45	5.00	40.00
7	.10	1.00	7.00	15	.55	6.50	50.00
8	.12	1.30	10.30	16	.85	9.50	75.00
9	.16	1.80	14.00	18	1.10	12.00	95.00

### GLAZED MOISTURE PROOF CLAY SAUCERS

Diameter in inches	Each	Doz.	Per 100	Diameter in inches	Each	Doz.	Per 100
3	\$0.05	\$0.50	\$4.50	12	\$0.70	\$8.20	\$67.00
4	.08	.72	5.80	13	.75	8.50	69.00
5	.10	.98	7.50	14	.90	10.00	83.00
6	.14	1.50	11.50	15	1.20	13.80	113.00
7	.17	1.95	15.30	16	1.65	18.60	153.00
8	.23	2.65	21.00	18	1.75	20.40	168.00
9	.30	3.50	28.75	20	3.25	38.40	
10	.38	4.20	35.00	22	5.15	61.20	
11	.45	5.28	42.00	24	7.75	92.40	

### FERN PANS, EARTHEN

Size	Each	Per Doz.	Size	Each	Per Doz.
4 x 1 7/8 in.	\$0.07	\$0.70	7 x 2 5/8 in.	\$0.15	\$1.60
4 3/4 x 2 1/8 in.	.09	.95	8 x 3 1/8 in.	.20	2.30
5 1/2 x 2 1/4 in.	.12	1.20	9 x 3 1/4 in.	.25	2.80
6 1/4 x 2 1/2 in.	.14	1.35	10 x 4 in.	.30	3.15

### NEPONSET PAPER POTS

Diameter	Doz.	100	1000	Diameter	Doz.	100	1000
2 1/4 in.	\$0.10	\$0.55	\$3.40	4 in.	\$0.25	\$1.50	\$8.60
2 1/2 in.	.12	.65	3.90	5 in.	.35	2.25	13.40
3 in.	.15	1.10	5.30	6 in.	.45	3.00	17.90
3 1/2 in.	.20	1.25	6.90				

Not less than one thousand at thousand rate

### BIRD CAGE or WINDOW BASKET HOOKS

Size No. 1.....	Each, 10c	Doz., \$0.75
Size No. 895.....	Each, 12c	Doz., 1.00

### WIRE HANGING BASKETS

Diameter 5 in. bottom.....	Each, \$0.35	Doz., \$3.00
Diameter 7 in. bottom.....	Each, .45	Doz., 5.00
Diameter 9 in. bottom.....	Each, .50	Doz., 5.50

### WIRE MOSS BASKETS

Made of heavy wire, green painted. Will last a lifetime.		
5 inch .....	Each, \$0.35	Doz., \$3.00
8 inch .....	Each, .45	Doz., 5.00
10 inch .....	Each, .55	Doz., 6.00

### ALL BRASS JACK CHAINS FOR HANGING POTS

No. 118, 3 strand .....	Each, \$0.30	Per doz., \$3.00
No. 119, 4 strand .....	Each, .35	Per dozen, 3.50

### FANCY CLAY HANGING POTS

A substantial clay pot with saucer attached. Especially desirable for indoor plants; of pleasing design, and with saucer attached there is little danger of spoiling floors, rugs, etc., while watering plants.		
7 inch size .....	Each, \$0.45	Per doz., \$4.50
8 inch size .....	Each, .55	Per doz., 5.50
9 inch size .....	Each, .75	Per doz., 7.00
Wire hangers for the above furnished at \$0.60 per doz. or Heavy Brass Chains, at \$0.30 each, \$3.00 per dozen.		

### HEAVY CEDAR PLANT TUBS

For growing Agaves, Century, and other large plants. Made of the best red cedar, painted green, iron handles.

Outside No. Top Diam.	Inside Height	Outside No. Top Diam.	Inside Height	Outside No. Top Diam.	Inside Height	Each
1 28	22	\$16.25	8	16	13	\$3.40
2 26	20	13.60	9	14	12	2.75
3 24	18 1/2	8.55	10	12	9 1/2	2.10
4 22	17	6.90	11	10 1/2	9	1.85
5 20	16	5.80	12	9 1/2	8	1.50
6 18 1/2	15	4.50	13	8	7	1.35
7 17	14	4.00				

### OAK JARDINIERES

The oak is selected to show the quartered grain, stained dark and finished with lustre surface. The hoops and handles are of brass, highly polished and lacquered. Inside is painted a rich dark red.

### Stock Sizes

Inside No. Top Diam.	Inside Depth	Inside Each	Inside No. Top Diam.	Inside Depth	Inside Each
77	7	6 3/4	\$2.25	119	9
85	8	5 1/4	3.30	111	11
88	8	7 3/4	3.60	1212	12
96	9 1/4	5 3/4	3.85	1414	14
99	9 1/4	9	4.00		

Special sizes made to order if desired

### BRECK'S LEXINGTON PLANT TUBS

White Pine. No Handles.

Green painted, light and strong; made of best native pine with galvanized iron hoops.

Inside No. Top Diam.	Inside Depth	Price Each	Inside No. Top Diam.	Inside Depth	Price Each
1 6	6	\$0.75	8	13	\$1.85
2 7	7	.80	9	14	2.10
3 8	8	.85	10	15	2.30
4 9	9	.90	11	16	2.60
5 10	9	1.00	12	17	3.00
6 11	10	1.25	13	18	3.60
7 12	11	1.45	14	19	4.35



## FIBRE FLOWER VASES

These Fibre Flower Vases are formed out of one piece of  $\frac{3}{8}$  inch wood pulp with extra heavy bottoms. The finish is mahogany. They are very desirable for displaying cut flowers, either in the Florist's shop or refrigerator, and they have also been found valuable for use in Hospitals and in other Institutions for the arranging and storing of flowers.

No.	Depth Inside	Diam.	Each	Per Doz.
44	8 $\frac{3}{4}$ in.	3 $\frac{1}{2}$ in.	1.25	12.60
1	10 in.	6 in.	\$1.65	\$17.00
33	12 in.	4 $\frac{3}{4}$ in.	1.75	18.00

## GALVANIZED IRON FLORISTS VASES

Strong, light, durable, made of good material with heavy hoop at base of can to reinforce bottom of vase. Only plain galvanized iron carried in stock; painted green or any color to order.

No.	Top Diam.	Bottom Diam.	Height	Each	Doz.
5	7 $\frac{3}{8}$ in.	5 $\frac{1}{2}$ in.	11 in.	\$0.95	\$10.55
6	7 $\frac{3}{8}$ in.	5 $\frac{1}{2}$ in.	17 in.	1.15	12.15
7	8 in.	6 $\frac{1}{4}$ in.	11 in.	1.00	10.65
8	9 in.	7 $\frac{3}{8}$ in.	12 in.	1.25	12.40
9	9 in.	9 $\frac{3}{8}$ in.	17 in.	1.50	17.40

## TIN BOUQUET HOLDERS

Light weight Green Painted ..... Each \$0.20; doz. \$2.00

## SOWRITE SEED SOWER

Scatters seed individually; prevents crowding and choking of seedlings. Eliminates guess-work because you can see each seed drop, no matter how fine. Saves time because you can sow seeds twice as fast.



**Model B.** Made of Copper, Nickel Plated. For all seeds up to size of Sweet Peas. Price each, \$1.00 postpaid.

## FOLDING WIRE PLANT STANDS

The construction of the shelves or trays is such that there is more room for the pots and foliage than in any other plant stand that takes up the same amount of room on the floor.

No. 22, Single Tray, 10x24 in.	.....	Each \$2.25
No. 23, Single Tray, 10x33 in.	.....	Each 3.00
No. 20, 2-Wire Trays	.....	Each 4.50
No. 20, 3-Wire Trays	.....	Each 5.65
No. 20, 4-Wire Trays	.....	Each 8.40

## FLOWER POT BRACKETS

Especially adapted to plain flower pots and saucers. It is the most practical article for the purpose that has ever been offered. The steel clasp or frame in which the pot and saucer sit is of such a form as to hold them securely. They are made throughout of flat steel, perfectly strong, and can be fastened on the narrowest moulding. Black finish.

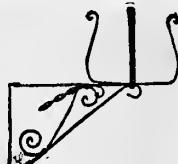
No.	Length of Arm	Clasp to hold	Each	Dozen
1	7 in.	5 in. pot	\$0.50	\$5.40
2	8 in.	6 in. pot	.60	6.00
3	10 in.	7 in. pot	.70	7.20

## CAST IRON FLOWER POT BRACKETS

Holding Pot and Saucers in sizes up to 7 inches in diameter. No. 240 Single Arm, For two Pots.... Each \$0.50 Doz. \$4.50. No. 200 Double Arm, For two Pots.. Each .65 Doz. 6.00 postpaid.



Telescopes to fit any size Window



Flower Pot Bracket

## SUN-FLOWER SHELF

A metal, portable shelf, designed to be attached to the inside of an ordinary house window where it is desired to place plants, window boxes, etc. It will fit ordinary house windows ranging in width from 24 to 42 inches from cord to cord, wide enough to make a seven or eight inch ledge, requires no screws or tools to adjust in window, made entirely of metal and is finished in russet bronze color. Price each \$2.50.

## TREE TANGLEFOOT

A perfect safeguard for trees, vines, and shrubs against Gypsy, Brown-tail and Tussock Moth, Canker Worm, Cut Worm, Ants, and other creeping insects. Do not heat it but apply it directly from the can.

1-lb. can ..... Each \$0.60      10-lb. cans ..... Each \$5.25  
5-lb. cans ..... Each 2.75      25-lb. cans ..... Each 11.00

## TREE BURLAP

For girding trees, 10 inches wide. Per yard, 5c; in 100-yd. lots, 4c per yard. In 36 inch widths; 22c per yd. per 100 yds. 20c yd.

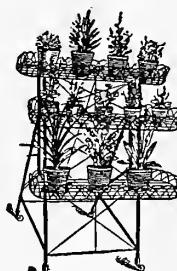
## CABOT'S BLACK TREE HEALING PAINT

Protects heavy wounds and exposed ends of amputated branches. Dries quickly. Keeps out the air and moisture. Quart cans, 40c; per gallon, \$1.25; 5 gal. can, \$5.00.

## CREOSOTE MIXTURE

This mixture is sure death to the eggs of the Gypsy Moth, Tussock Moth and similar insects. Made on the formula used for years, and recommended by the Massachusetts Gypsy Moth Committee.

1 quart ..... Each \$0.45      5 gallon cans Per gal. \$0.85  
1 gallon ..... Each 1.10      50 gallon bbl. Per gal. .75



Folding Wire Plant Stand

## ORIOLE BRAND NORTH CAROLINA PINE TAR

Strictly pure old-process North Carolina Tar in full measure cans; useful for protecting cut surfaces of pruned trees, also broken and bruised places in the bark of trees and shrubs. In gallon cans only ..... Each \$1.00

## CARBOLINEUM "ARROW BRAND"

Used as a wood preserving paint. Recommended by the Massachusetts Agricultural Station and the United States Department of Agriculture. Per 1 gal. cans, \$2.00; 5 gal. cans, \$7.00; 10 gal. cans, \$12.50.

## GRAFTING WAX (Trowbridge's)

The best in the market. This brand should not be confounded with the many cheap makes now offered, that are not possessed of an even consistency and give unsatisfactory results. Put up in 1 lb.,  $\frac{1}{2}$  lb., and  $\frac{1}{4}$  lb. packages.

Pound pkg. 50c;  $\frac{1}{2}$  lb. pkg. 30c;  $\frac{1}{4}$  lb. pkg. 20c.

## PLASTIC WOOD

"Handles like putty, hardens into wood." The greatest repair material ever invented. Real wood in plastic form.

$\frac{1}{4}$  lb. Cans ..... Each \$0.35  
1 lb. Cans ..... Each 1.00  
Solvent Fluid ..... Each .25

## SOILTEX

A pocket size outfit for testing soils for acidity. The outfit contains full directions for use, color chart, and lime table. Very simple to use. One outfit makes from 75 to 100 tests. Every home gardener, farmer, superintendent, and horticulturist should have a Soiltex outfit. It will save fertilizer, time, and the crop if used before applying fertilizers. Price \$1.00 postpaid.

**MILKOL**

Recommended by the Department of Agriculture for use with all arsenical sprays, thereby preventing Bees from working on sprayed trees and being killed by the poison. Milkol is also a disinfectant.

1 gallon, \$1.65; 5 gallons, \$7.50.

**CARBOLA****Disinfecting Germ-Killing White Paint**

Use it instead of white-wash. Put on with a brush or sprayer. A snow-white cold-water paint that will not blister, flake or peel off, combined with a germicide 20 times stronger than carbolic acid but neither caustic nor poisonous. Particularly good for use in stables, cow barns, chicken coops, dairies, hog pens, creameries, cellars, factories and outbuildings.

Per 5 lb. box ..... \$0.75 Per 50 lbs. (50 gals.) ... \$5.00  
Per 10 lb. (10 gals.) .... 1.25

**SPECIAL CYANOGAS DUSTERS**

Model No. 1 .....	Each \$1.25	Model No. 32.....	Each \$4.25
Model No. 1. Special		Model No. 34.....	Each 4.50
with Tube .....	Each 1.40	Foot Pump, Small.	Each 5.00
Model No. 2. Rigid		Foot Pump, Large.	Each 7.50
Tube .....	Each 3.00	Knapsack Duster.	Each 14.00

**CORONA POWDER GUN**

For dusting powders ..... Each \$1.00

**WOODASON POWDER BELLOWS**

Heavy, well made single cone bellows..... Each \$3.00

**DICKEY'S BUG DEATH SHAKER**

The best thing of its kind yet offered. Every person who has a garden will want one ..... Each \$0.50

**A B C PLANT PROTECTORS**

Black, non-curling, tar felt pads slipped around small plants to prevent cut-worms and maggot damage. Per 100, 50c; per 1000, \$4.00.

**TWINE MELON NETS**

For supporting melons growing in greenhouses. Each, 30c; per doz., \$3.00.

**STRAWBERRY BED NETTING**

Made of linen twine  $1\frac{1}{4}$  in. square. Recommended as a covering for strawberry beds and cherry trees, as a protection against birds. This netting can only be supplied on order and cost is approximately \$1.25 per 100 square feet.

**GARDEN GLOVES**

Specially made for garden use. Men's Gauntlet, 85 cents per pr. Special Extra-heavy Gloves to be worn while spraying. Per pair, \$2.75.

**BRECK'S IMPROVED HAY CAPS**

Brown and white, medicated, complete with ropes and pins. Each, \$1.25; per 100, \$114.00.

**HEAVY RUBBER FLORIST APRONS**

Full size and of the best material..... Each \$2.50

**RUBBER SPRINKLERS**

An indispensable article for showering plants, sprinkling bouquets, etc. Three sizes: 85c; \$1.00 and \$1.25 each.

**UTILEX BOTTLE SPRAYERS**

The most ideal small sprayer for fighting the bugs that attack house plants in the window garden. An indispensable article, well made and eminently practical. Price, each \$1.25.

**MARLIN, TARRED YACHT**

The best quality of closely twisted Tarred Marlin in  $\frac{1}{2}$  lb. ball; price 40c per ball.

**SILKALINE**

Used for growing smilax and asparagus on, also for tying in bouquet work. Per spool, 40c; per box of 8 spools, \$3.00.

**BUNDLE TWINE**

Strong hard twine for tying parcels and bundles, in balls.

No.	No.	
18	$\frac{1}{4}$ lb. balls.	Per ball \$0.15
18	$\frac{1}{2}$ lb. balls.	Per ball .25
48	$\frac{1}{2}$ lb. balls .....	Per ball .25

**SOFT JUTE TWINE**

For tying cut-flowers, vines, etc. .... Per ball \$0.25

**COTTON TAPE**

For tying bunches of Asparagus Tips. About  $\frac{1}{4}$  inch wide in spools of 1000 yards, color, Red, White and Blue. Per spool, \$4.00.

**ROFFEA**

Palm Fibre, used by gardeners for tying plants and bunching vegetables. It is the best tying material yet produced. Natural color: Per lb. 40c; in 10-lb. lots, 35c per lb. Special price quoted on bale lots. Green dyed, per lb. \$1.25.

**CELERY BLEACHING PAPER**

A black waterproof paper furnished in rolls 300 feet long and 10 inches wide. Easily adjusted around the celery plants, kept in place by wire stakes or wooden pins. Cheaper than boards and easier to handle. Price, \$2.50 per roll. Sold only in full rolls.

**MULCH PAPER****Gator Hide Brand**

Supplied in two types or in two widths, both designed for use in the fields under all sorts of conditions and to last for an entire season. Made of tough strong wood fibre, impregnated with a special grade of asphalt. Stimulating the growth, promoting early maturity, eliminating weeds, conserving moisture, Gator Hide Mulch Paper has been successfully used as a Mulch between the rows and around the plants of such crops as Sweet Corn, Beets, Carrots, Tomatoes, Spinach and many other garden vegetables. Type A Paper designed primarily for field culture supplied in rolls of 300 linear yards either 18 inches wide or 36 inches wide. Type B recommended for use on biennial and perennial crops such as Grapes, Currants, Perennial Flowers, Fruit Trees and other Nursery stocks. Supplied in rolls of 150 linear yards: Prices: 18 inch width \$3.50; 36 inch width \$7.00.

A special catalogue on Mulch Paper supplied on request.

**CORRUGATED CUT FLOWER BOXES**

Heavy corrugated collapsible boxes in three pieces. Suitable for shipping large quantities of cut flowers by express or parcel post.

Size 30x12x7 .....	Doz. \$6.00	100, \$45.00
Size 36x12x9 .....	Doz. 7.00	100, 50.00

**CUT FLOWER BOXES**

Collapsible Manila with $2\frac{1}{2}$ in. lap covers.		
Size 24"-8"-5" .....	Doz. \$1.00	100, \$7.00
Size 28"-8"-5" .....	Doz. 1.20	100, 8.00
Size 30"-8"-5" .....	Doz. 1.30	100, 9.00
Size 36"-8"-5" .....	Doz. 1.40	100, 10.00

**WHITE TISSUE PAPER**

Grade used by florists in protecting and in packing cut flowers; size 24x36 inches. Per ream \$3.00.

**WAX PAPER**

White. For packing and protecting flowers and plants. Size, 12x18 inches, \$1.00 per ream. Size 24x36 inches, \$3.00 per ream. Green. Size 24x36 inches, \$3.50 per ream.

**HEAVY WRAPPING PAPER**

No. 1 Kraft (brown). In rolls, 12, 18, 24, 30, and 36 inches wide. Per lb. 12c.

**RUBBER BANDS**

For bunching beets, radishes, and other small vegetables. Used in place of twine or tape. Pound boxes \$1.35; 5 lb. boxes, \$6.25.

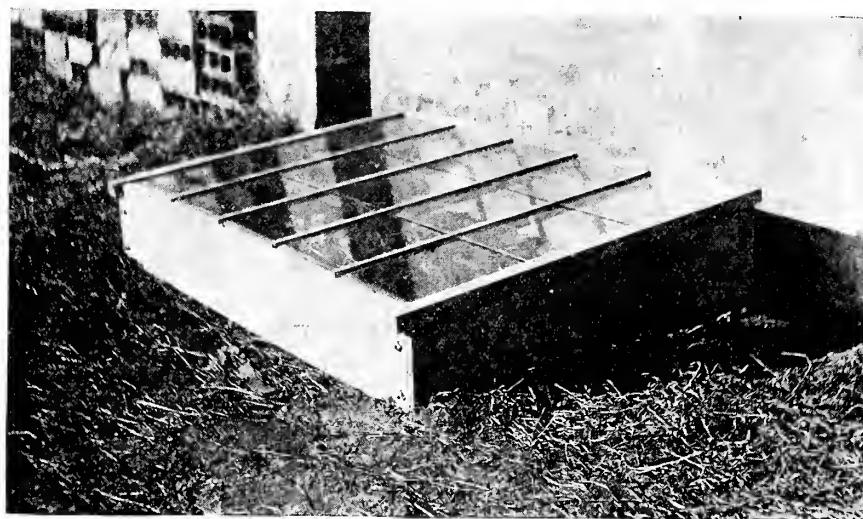
**COTTON BATTING**

For packing flowers, etc. Per sheet, 10c.

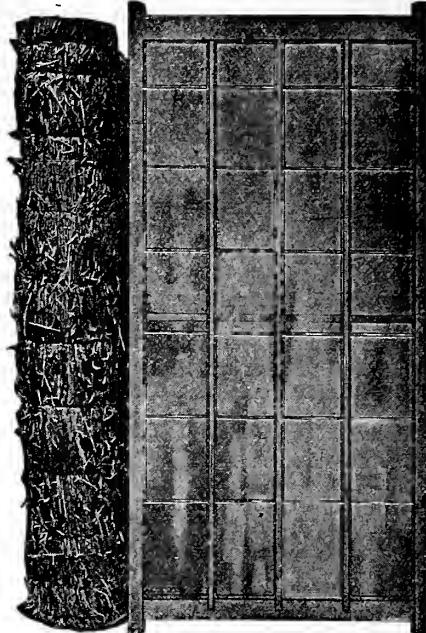
**TINFOIL FOR BOUQUETS**

1 lb. pkgs. 35c per lb..... Violet or green, 50c per lb.

## COLD-FRAMES, HOT-BEDS and GREEN-HOUSE SUPPLIES



Breck's Improved Forcing Frame



Straw Hot-Bed Mat

Hot-Bed Sash

### BRECK'S IMPROVED FORCING FRAME

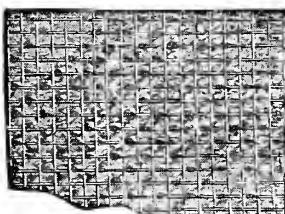
A complete unit with tight-fitting sash, suitable for use as a hot-bed or cold-frame in the starting of early vegetables and flowers. The frame is made in flat sections with corners bolted together, thus being readily stored in a small space when not in use.

Breck's Improved Forcing-frame is without question the best article of its kind on the market, carefully constructed of selected materials in our own shops at Lexington.

Dimensions: 3 feet by 4½ feet; depth, front 7 inches, back 10 inches; sash 1½ inches thick, glazed with 10x12 inch glass. Frame and sash are thoroughly painted.

Price \$12.00 complete, delivered to freight or express station in Boston or Lexington.

### CEL-O-GLASS



CEL-O-GLASS is a high grade low-priced substitute for glass. It is unaffected by rain, hail, snow, sun or wind; it can be bent or cut to any desired shape and is practically indestructible. It is made by treating coarse mesh wire cloth in such manner that the open spaces between the strands

are filled with a clear, transparent, tough but flexible substance which will not rub or peel off, dry up or become brittle.

It is radically different from ordinary glass, yet in practical use answers all demands and offers very decided advantages to the florist and market gardener, as well as the poultryman, dairyman and farmer.

Descriptive circulars mailed on application.

Full Roll 50 ft. x 3 ft. .... Per sq. ft. \$0.18  
Less than full Roll lots ..... Per sq. ft. .20

### SINGLE-GLASS SASH for HOT-BEDS or COLD-FRAMES

Made from thoroughly seasoned lumber. Frame well puttied and painted, 1½-inch stock; glass 8x10 inches. The best sash

offered today in Boston. Price: Single sash, \$8.00 each; 5 sash or over, \$7.50 each, crating extra at cost.

### HOT BED SASH

Unpainted and unglazed ..... Each \$5.25

### BRECK'S EXTRA-HEAVY HOT BED MATS

Weight about eleven pounds. Dimensions 76x76 inches, heavily quilted, drilled, brown or green color on upper side, underside burlap. Each \$4.25; per dozen \$50.00.

### EXTRA QUALITY ALL BURLAP MATS

Size 76x76 inches, made especially for those who desire an inexpensive covering for the hot bed. Each \$3.00; per doz. \$33.00.

### MILO HOT BED MAT

Made of prepared burlap, waterproof, almost indestructible, light in weight but warm, size 78x80 inches. Each, \$3.60; dozen, \$40.00. Per roll of 30 ft., 78 inches wide, 50c per linear foot.

### STRAW MATS

Hotbeds, 6x6 feet ..... Each \$3.50

Hotbeds, 3x6 feet ..... Each 2.00

Other sizes to order

### HOT-BED THERMOMETERS

Registering to 180° and over ..... Each \$2.70

### PROTECTING CLOTH for HOT-BEDS

Used as a substitute for glass for protecting plants in early Spring. Per yard, 22c; per piece of 60 yards, 20c per yard.

### "PROTECTION"—WATERPROOF PRESERVATIVE

Recommended for use on burlap or drill hot-bed mats to prevent mold, mildew, and rotting of fabric. Can also be used on leather, canvas, and other fabrics; guaranteed not to stiffen the material or make it crack. Per gallon \$2.60; per 5 gallon can, \$8.00.

### GREENHOUSE FLATS

Made of Cypress, supplied knocked down, durable and cheap.

No. 1 size, 20x14 inches ..... Each \$0.50 Doz. \$4.00

No. 2 size, 22½x15 inches ..... Each .60 Doz. 5.00

**PUTTIUM**

A gray glazing cement you can buy with confidence. Composed of non-volatile oils, heat resisting gums and other pigments, combined with asbestos fibre; especially recommended for bedding glass.

Can, 1 gal.....	\$2.50	Can, 20 gal.....	\$39.00
Can, 5 gal.....	10.50	Bbl., 28 gal.....	70.30
Can, 10 gal.....	20.00	Bbl., 60 gal.....	110.00

**GLAZOLA GLAZING CEMENT**

A perfect compound for Glazing, Reglazing, and Repair Work on Greenhouses and Sash. Color black, made from a long fibre asbestos and elastic gums. For glazing purposes it requires about three gallons to each thousand feet of glass.

55 and 35 gallon steel drums .....	Per gal. \$1.50
5 gallon cans .....	Per gal. 1.70
1 gallon cans .....	Per gal. 1.75

**GLAZOLA GLAZING GUN**

For applying heavy putty to greenhouse sash. Price each \$5.00

**MASTICA**

For glazing greenhouses, new or old. The use of Mastica avoids the necessity of frequent reglazing. It can be used to bed in or on the outside, with a machine; one gallon will cover about 290 running feet (one side).

Gallon cans .....	Each \$2.50
Machines for applying Mastica .....	Each 3.00

**PUTTY BULBS**

A simple and useful device for applying putty to sash. Each \$1.50.

**GLAZING POINTS****The Peerless**

The only durable and reliable points. Made of galvanized steel wire, no rights and lefts. No raising up when driving. Two sizes: Nos. 2, 2½ for general use..... Per box of 1,000 \$0.65  
Pincers for driving same 85c per pair.

**ZINC CITY GREENHOUSE POINT**

A heavy zinc Brad, ¾" and ⅞" ..... Per lb. \$0.65

**SHADE-O**

A dry Powder. To make a gallon of solution use two quarts of hot water to one pound of Shade-O, stir thoroughly until dissolved, then add two quarts of cold water. Full directions with each package. Recommended for use on Greenhouse glass for artificial shade. In 1 lb. packages only.... Price \$1.25 each

**WINDOW and PORCH BOXES**

These durable plant boxes and tubs are suitable for outdoor or indoor use. They are made of cypress, painted green unless otherwise ordered. Outside dimensions are given.

Length	Height	Width	Each
25½ in.	8 in.	10 in.	\$3.50
37½ in.	8 in.	10 in.	4.50
49½ in.	9½ in.	10¾ in.	5.50

**REDWOOD WINDOW BOXES**

Unpainted, shipped knock-down, but galvanized nails supplied with each box. Made from one inch clear heart dry California Redwood, well-milled—the ends to fit into the sides and bottoms to fit into the ends. Furnished in 3 sizes:

2 ft. length 8 in. wide 8 in. high .....	Each \$2.00
3 ft. length 8 in. wide 8 in. high .....	Each 2.75
4 ft. length 8 in. wide 8 in. high .....	Each 3.00

**GALVANIZED IRON GREEN PAINTED FLOWER BOXES**

A substantial window box or porch box, well-made of strong material with patented watering device. A very durable article at a moderate price.

Sizes 24 in. long .....	Each \$1.00
Sizes 30 in. long .....	Each 1.25
Sizes 36 in. long .....	Each 1.50

**HOTKAPS**

Growers who prepare land and plant seed early in the spring run the dangerous risk of late frosts. Frequently it is too late, then, to plant another crop. Time and effort are wasted; money is lost. "Hotkaps" insure against this condition. They not only protect against frost, but shield young plants from wind and insects and eliminate the possibility of the plant being damaged in a heavy rain. They guard against too much moisture, which frequently causes a delayed and weakened growth. "Hotkaps" are made of a specially prepared waxed paper and are conelike in shape, measuring about 11 inches in diameter at the base and coming to a point at the top. When placed over the plants and held firmly in place by the soil around it, "Hotkaps" become individual miniature hothouses. They are reinforced by a strip of heavily waxed paper.

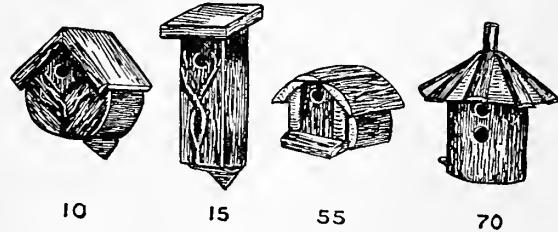


**Note.** To insure proper ground ventilation, it is important that "Hotkaps" are not set more than from  $\frac{1}{4}$  to  $\frac{1}{2}$  inch in ground.

**Prices:** 25c per doz; \$1.25 per 100; \$11.50 per 1000; Special garden pkg. which contains 250 Hot Kaps with Setter \$4.00 per pkg.

**HOTKAP SETTERS**

In placing the hotkaps over plants the Hotkap Setter will prove very helpful. The small cone, the exact shape of the Hotkap will quickly save its first cost in time and labor saved. Price for Steel Setter with handle, \$2.50—price of new Paper Mache Setter with handle 50c each.

**RUSTIC BIRD HOUSES**

No.	Each	No.	Each
10 Wren .....	\$1.95	5 Marten, 6 Rooms.....	\$7.35
75 Robin Shelter .....	2.65	6 Marten, 10 Rooms.....	13.75
40 Wren .....	1.30	7 Marten, 14 Rooms.....	17.90
50 Wren .....	1.95	30 Small Birds .....	1.35
15 Blue Bird .....	1.95	35 Wood Pecker .....	1.95
55 Blue Bird .....	1.95	65 Flicker .....	2.80

No. 70 Swinging....Each \$2.10

**BIRD "FILLING STATIONS"**

For Supplying Suet

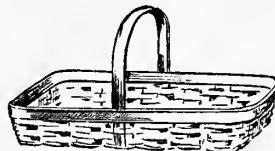
No. 1 Large .... Each \$1.50    No. 2 Small..... Each \$1.25

**BRECK'S IMP. REVOLVING FEED BOXES**

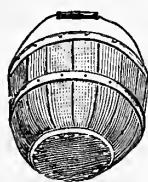
Birds are sheltered when feeding in Winter months. 24 in. x 36 in. with 7 ft. Pole ..... Each \$9.00



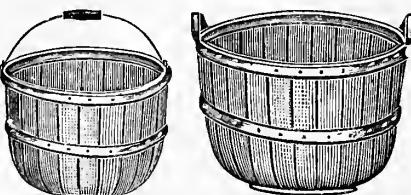
Oak Nailed Rim Basket



Strawberry Picking Basket



Oxford Baskets

**BASKETS****STRAWBERRY PICKING BASKETS**

No. 2. 6 Boxes .....	\$0.65
No. 3. 8 Boxes .....	.75

**ASH BASKETS**

Market Baskets, with Iron-Bound Bail and Strapped

No. 1. Approx. Capacity $\frac{1}{4}$ bu., 6 x10 x18 in.....	\$1.00
No. 2. Approx. Capacity $\frac{1}{2}$ bu., $6\frac{1}{2}$ x12 x21 in.....	1.10
No. 3. Approx. Capacity $\frac{3}{4}$ bu., 7 x13 x23 in.....	1.20
No. 4. Approx. Capacity 1 bu., 8 x15 x24 in.....	1.35

**MARKET BASKETS, BAIL AND STRAPPED**

Each

No. 1. Approx. Capacity $\frac{1}{4}$ bu., 6 x10 $\frac{1}{2}$ x18 in.....	\$0.75
No. 2. Approx. Capacity $\frac{1}{2}$ bu., $6\frac{1}{2}$ x12 x21 in.....	.85
No. 3. Approx. Capacity $\frac{3}{4}$ bu., 7 x13 x23 in.....	1.00
No. 4. Approx. Capacity 1 bu., 8 x15 x24 in.....	1.15

**SPECIAL MARKET GARDEN BASKETS**

Each

Heavy $\frac{1}{2}$ Bushel drop bail .....	\$1.25
Heavy $\frac{1}{2}$ Bushel stiff bail .....	1.25
Heavy $\frac{3}{4}$ bushel stiff bail .....	1.50

**OAK NAILED RIM BASKETS**

Each

Each

4 bu. strapped .....	\$3.75	$\frac{1}{2}$ bu. stiff bail .....	\$0.80
3 bu. strapped .....	2.90	$\frac{1}{4}$ bu. stiff bail .....	.70
2 bu. strapped .....	2.10	$\frac{1}{2}$ bu. drop bail .....	.75
1 $\frac{1}{2}$ bu. strapped .....	1.80	$\frac{1}{4}$ bu. drop bail .....	.65
1 bu. strapped .....	1.30		

**OXFORD BASKETS**

Each

Each

$\frac{1}{4}$ bu. drop bail .....	\$0.65	2 bu. .....	\$1.65
$\frac{1}{2}$ bu. drop bail .....	.70	3 bu. .....	2.30
1 bu. .....	1.00	4 bu. .....	2.75
$1\frac{1}{2}$ bu. .....	1.40		

For a Complete List of Agricultural Tools, Implements, Hardware, Woodenware and Baskets send for our Special Hardware Catalogue.

**LADDERS**

Plank	Extension	
	ft.	ft.
10 ft.,	\$3.75	26 ft.,
11 ft.,	4.10	28 ft.,
12 ft.,	4.50	30 ft.,
13 ft.,	4.75	32 ft.,
14 ft.,	5.25	34 ft.,
15 ft.,	5.50	35 ft.,
16 ft.,	5.75	36 ft.,
17 ft.,	7.00	38 ft.,
18 ft.,	7.50	40 ft.,
19 ft.,	8.00	42 ft.,
20 ft.,	8.50	44 ft.,
22 ft.,	10.50	45 ft.,
23 ft.,	11.00	46 ft.,
24 ft.,	11.50	48 ft.,
25 ft.,	12.00	50 ft.,

**RID-JID STEPLADDER**

Made of selected clear, seasoned Spruce. Has a patented rod under each step and improved Spreader brace. 3 to 8 feet. Per foot \$0.45.

**HANDY STEPLADDER STOOL**

Made of selected hardwood, varnished. Patented rod under each step. Bolted throughout—no nails used. Height 26 inches. Each, \$1.35.

**COPPER WEATHER VANES**

We warrant our Weather Vanes to be made of copper and gilded with 23-carat gold leaf. The price of each vane includes a wrought-iron spire with steel spindle, points of compass, gilt letters, and copper balls. Complete catalogue of Weather Vanes free on application. Vanes promptly made to order from any drawing or design.

**PARK SETTEES**

The Lincoln Park Settee is intended for parks and public grounds where an extra strong settee is required. Each, \$9.00. The Lite Wate Settee. Very attractive. Low Price. Each, \$5.00.

**"KEEP OFF THE GRASS" SIGNS**

Hot-Galvanized Iron

No.	Each
70. "Keep off the Grass," Long .....	\$0.85
72. "Keep off the Grass," Short .....	1.35
73. "Trespassing Forbidden" .....	.60
74. "Private Grounds" .....	.60

**WIRE MESH TREE GUARDS**

Wire Mesh, 15 in. x 4 in. for protecting young trees from rabbits, mice, etc. .... Each \$0.15

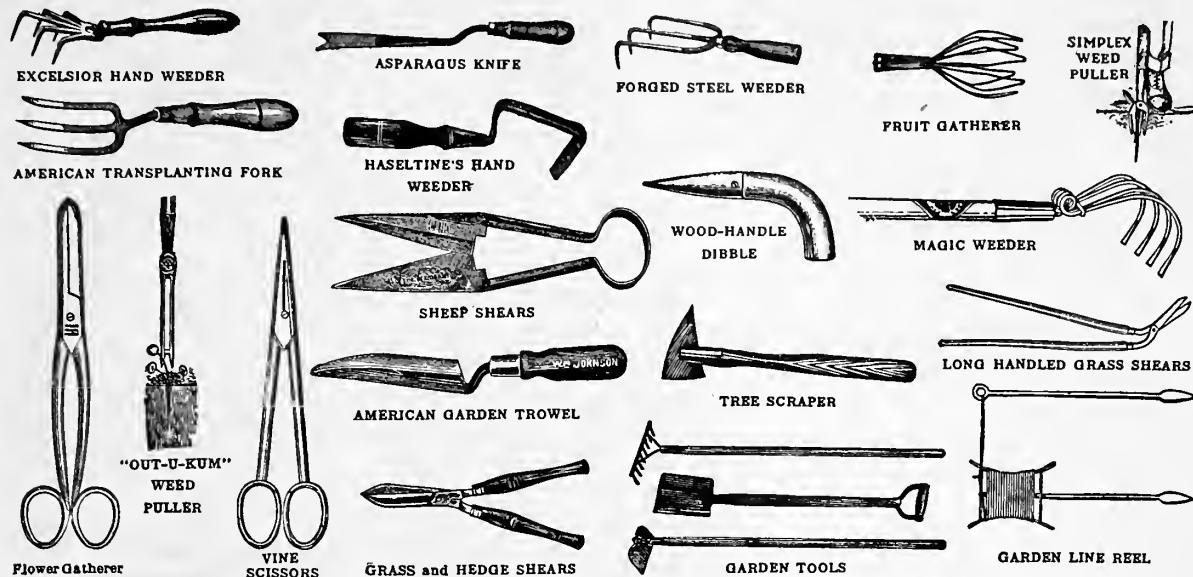
**GAME TRAPS**

Two Trigger No. 1, best mare ..... Each \$0.65

**SELF-SETTING MOLE TRAP**

This mole trap has many advantages over all others. It is designed and built right, easy to set without danger to operator, can be used in hot beds on account of its height. It will catch when others fail. Full directions with each trap. Each, \$1.25

For Breck's Poultry Supplies, Feeds and Accessories write for our Complete Poultry Catalogue. Send for your copy today.



## GARDEN TOOLS

### AMERICAN GARDEN TROWELS

No. 211. Forged Steel 7 inch welded shank.....	Each \$0.75
No. 216. Ladies' 6 inch riveted shank .....	Each .15
No. 217. Transplanting 7 inch solid shank .....	Each .25
No. 809. All Steel Garden Trowels. Very strong..	Each .25

### AMERICAN TRANSPLANTING FORKS

No. 300. Steel, short handles .....	Each \$0.50
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### WOOD-HANDLE DIBBLE

No. 218. Usual size, very useful .....	Each \$0.75
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### WEEDERS

Excelsior Hand Weeder. Malleable iron, tinned.. Each \$0.25

Forged Steel Weeder, Short handle ..... Each .55

Lang's Weeder. All metal, with strap..... Each .25

Haseltine's Hand Weeder. Short handles..... Each .30

"Out-U-Kum" Weed Puller. Especially recommended for dandelions and other weeds having long tough roots. Ea. \$1.00

The Belmont Weeder is a favorite with market gardeners.

It has a 48 inch handle ..... Each \$0.80

Magic Weeders No. A. 5½ in. handle, spring teeth. Each \$0.15

Breck's Weeder. Used by cranberry growers, and for all kinds

of weeding. 4-prong, 3x3½, 18 in. handle, solid steel. Ea. \$0.90

Cleveland Lawn Weeder. No more broken backs. This little de-

vice gets at the root of evil and removes it bodily. Ea. \$1.25

The Simplex Weeder. Makes life hard for Dandelions, Dock, and other weeds having long tough roots..... Each \$1.25

### INVINCIBLE GARDEN CULTIVATOR

5 Prong .....	Each \$1.20	3 Prong .....	Each \$0.85
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### THISTLE and DOCK CUTTERS

Solid shank. Mall. D handle with foot rest..... Each \$1.70

### ASPARAGUS KNIVES

No. 94. Goodell 10 inch Blade .....	Each \$0.40
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No. 10. Russell Riveted Handles, Square Point..	Each .50
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### TREE SCRAPERS

No. 2. Special Blade, ½x5 inches .....	Each \$0.90
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### "NEVER TANGLE" GARDEN LINE REEL

This reel winds or unwinds quickly and will keep the line straight without tangling. Reel with line ..... Each \$1.00

### SAMSON SOLID BRAIDED GARDEN LINES

50 feet long.....	Each \$0.65	100 feet long.....	Each \$1.25
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### GARDEN LINE REELS

Malleable Iron, Japanned ..... Each \$1.50

### FRUIT GATHERERS

Wire, without handles ..... Each \$0.65

### LITTLE WONDER HEDGE TRIMMER

	Each	Each	
30 in. one man.....	\$25.00	40 in. electric .....	106.50
40 in. two man.....	27.50	60 in. electric .....	114.00
60 in. two man.....	35.00		

Descriptive circulars mailed on application

### LADIES' GARDEN SHEARS

No. 100. 6 in. .... Per pair \$1.50

No. 300. 7 in. .... Per pair 1.25

### LONG HANDLED GRASS SHEARS

No.	Per pair
104. Border Shears, 9 in.	\$3.25
104. Border Shears, 10 in.	4.15
105. Border Shears, with wheel, 9 in.	4.75
105. Border Shears, with wheel, 10 in.	5.30
106. Lawn Shears, 9 in.	4.25
106½. Lawn Shears, 2 wheels, 9 in.	4.75

### GRASS and HEDGE SHEARS

	Per pair	Per pair	
No. 100. 8 in. Grass....	\$2.50	No. 101. 9 in. Hedge.	2.80
No. 100. 9 in. Grass....	2.75	No. 101. 10 in. Hedge.	3.15
No. 100. 10 in. Grass....	3.00	No. 301. 9 in. Hedge.	2.10
No. 101. 8 in. Hedge.	\$2.60		
No. 9. Heinsch 9 in. Hedge .....		3.50	

### SHEEP SHEARS

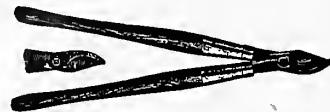
No. 057E. Genuine "True Vermonter" 5½ in.... Per pair \$1.00

### GRASS SHEARS

No. 480. New Grass Shears. 6 inches.....	Per pair \$1.00
Doo-Clip. Very practical .....	Per pair 1.50
No. 0267. 6 in. ....	Per pair .85
No. 1360. 5½ in. ....	Per pair .55
No. 770. 9B. Grass Snippers .....	Per pair .75

### FLORISTS' SCISSORS

No. 7436. Thinning Shears. Best quality steel. Very useful in thinning out imperfect fruit .....	Per pair \$0.50
No. 575. Flower Gatherers. 7 inches .....	Per pair 2.00
No. 846. Vine Scissors, 7 inches.....	Per pair 1.50
No. 31. Florists' Scissors. 5 inches .....	Per pair 1.35
No. 833. Florists' Snips, 7½ inch drop forged. Per pair	1.60
Scissors or Gatherers, by mail, add for postage, 10c per pair.	



CLYDE PRUNING SHEARS



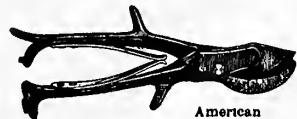
CLYDE IMPROVED DRAW CUT PRUNING SHEARS



CLYDE "HANDY ANDY" PRUNING SHEAR.



French



American



Medium Pruning Knife.

No. 187



GRAFTING CHISEL



Standard



Rhodes' Double Cut



Telephone



DANDY TREE PRUNER



THE "MCKENNEY" TREE PRUNER

BUDDING KNIFE

No. 762

## PRUNERS

### CLYDE IMPROVED DRAW-CUT PRUNING SHEARS

Solid steel blade and hook. Positive draw-cut. Hand forged.	
No. 5402. 24 in. Hdles.	Each \$3.50
No. 5403. 22 in. Hdles.	Each 3.00
No. 5408. 24 in. Hdles.	Each 2.90
No. 5408. 20 in. Hdles.	Each 2.75
No. 5406. 26 in. Hdles.	Each 2.25
No. 5406. 41 in. Hdles.	Each 3.75

### DANDY TREE PRUNER

This entire tool is forged from bars of fine crucible steel, carefully tempered in oil. Fully warranted against all flaws or imperfections. Length, 24 inches, weight 3 pounds. Each \$3.50

### CLYDE "HANDY ANDY" PRUNING SHEARS

One of the latest and best Hand Pruners. Adapted to all kinds of work. Finely made from best material. 9 inch... Each \$1.75

### THE "MCKENNEY" TREE PRUNERS

Each	
No. 1. Cuts Limbs up to 1 in. in diam., 2 lbs. 23 in.....	\$4.00
No. 2. Cuts Limbs up to 1½ in. in diam., 5 lbs. 30 in....	5.50
Hand size .....	3.50

### RHODES' DOUBLE CUT PRUNERS

26, 30 or 36 in. Pruners .....	Per pair \$6.00
42 in. Bush Pruners .....	Per pair 6.75

### STANDARD PRUNERS

#### Complete With Springs

Each	Each	Each			
8 ft. ....	\$2.00	12 ft. ....	\$2.35	16 ft. ....	\$3.00
10 ft. ....	2.25	14 ft. ....	2.65	Extra knives..	.25

### TELEPHONE PRUNER

Without Handles .....	Each \$1.60
Extra Knives .....	Each .25
Extra Springs .....	Each .25

### PRUNING SAW and CHISEL

This saw is designed for attachment to a pole; so that the upper branches of trees can be readily pruned without the aid of a ladder. .... Each \$2.50

### POLE PRUNING SAWS

No. 11. Adjustable Pole Pruning Saw .....	Each \$1.80
No. 10. Forest Pruning Saw .....	Each 2.25

### SINGLE and DOUBLE EDGE PRUNING SAWS

Extra refined spring-steel, polished blades, taper ground.	
No. 7. 18 in. Single Edge .....	Each \$1.90
No. 7. 20 in. Single Edge .....	Each 2.00
No. 7. 26 in. Single Edge .....	Each 2.50
No. 4. 18 in. Double Edge .....	Each 2.00
No. 4. 20 in. Double Edge .....	Each 2.15
No. 16. 14 in. Special .....	Each 2.25

### YORK STATE PRUNING SAW

20 inch .....	Each \$1.75
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### PRUNING SHEARS

#### French

7 in., full polished, with Wheel Springs .....	Per pair \$2.25
8 in., full polished .....	Per pair 2.50
9 in., full polished .....	Per pair 2.75
10 in., full polished .....	Per pair 3.25

#### American

No. 300. Red Finish. Volute Springs.....	Per pair .50
No. 30. California Pattern, 2 in.....	Per pair 1.00
No. 40. Nickel Plated, 9 in.....	Per pair 1.60
No. 23. Levin Shears .....	Per pair .75
No. 24. Levin Shears .....	Per pair .85
No. 290. Swiss Double Springs, 9 in.....	Per pair 2.60

### GRAFTING CHISEL

Made from the finest forged cast steel .....	Each \$1.25
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### PRUNING KNIVES

Each

No. 928. Large Stag Handle, No. 190 Pattern .....	\$2.75
No. 1793C. Medium Stag Handle, No. 187BC. Pattern..	.75
No. 924. Peach Stag Handle, No. 312 Pattern.....	2.50

COMBINED BUDDING and PRUNING KNIVES	
No. 40062. 2 Blade Budding and Pruning.....	Each \$1.35

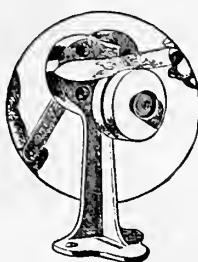
### BUDDING KNIVES

BUDDING KNIVES	
No. 762. Genuine Ivory Handles, Brass Lined with Bolster.	
Highest grade Budding Knife made.....	Each \$5.50

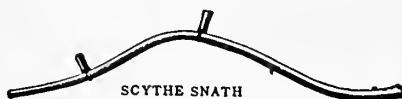
No. 2852½. Bone Handles .....	Each 1.25
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STRAPPED EYE BUSH HOOK

DAZEY  
"SHARPIT" GRINDER

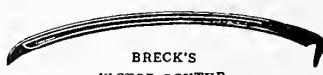
GRINDSTONE



SCYTHE SNATH

Yankee  
BRECK'S VICTOR AXE

NOTTINGHAM BILL

GRASS HOOK  
No 70"BRECK'S  
VICTOR SCYTHE

SCYTHE STONE

MOLE TRAP



HOUSE AXE

## BRECK'S VICTOR AXES

### GUN METAL FINISH

Each Breck's Victor Axe has the following mark deeply stamped into the metal:

### BRECK'S VICTOR - WARRANTED -

If a Breck's Victor Axe so stamped should prove defective it will be replaced by us or by the Dealer supplying it.

Furnished in the following patterns:

Connecticut	Yankee
Wide Wedge	Jersey
Aroostock Wedge	Double Bitt Wedge
	Double Bitt New England

Breck's Victor Axes, Single Bitt, all patterns.....	Each \$2.00
Handled with extra quality handles.....	Each 2.50
Breck's Victor Axes, Double Bitt .....	Each 2.65
Handled with extra quality handles.....	Each 3.25

### BRECK'S VICTOR HOUSE AXES

Victor House Axes, 1 1/4 lbs., 18 inch Handles.....	Each \$1.65
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### BOYS' AXES

Victor Boy Axes, Handled.....	Each \$1.75
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### AXE WEDGES

Used in handling axes in place of wooden wedges; malleable iron or steel .....	Each \$0.10
--	-------------

### NOTTINGHAM BILL HOOKS

Imported best quality steel. Useful for trimming and cutting brush .....	Each \$3.50
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### STRAPPED EYE BUSH HOOKS

Medium Bush Hooks, Handled. Best quality cast steel. Bronzed. Cutting edge ground and polished....	Each \$1.60
--	-------------

### SCYTHES

Breck's Victor, English steel. Fully Waranted..	Each \$2.00
Weed or Bramble Scythes .....	Each 2.00
Waldron's Imported English Lawn Scythe. 34 to 36 in. Each .....	\$3.25

### SCYTHE SNATHS

Our Snaths are all made by standard New England manufacturers. Especial attention given to furnishing straight snaths for use on marshes.	
---	--

No. 50. Ash, Iron trimmed .....	Each \$1.80
No. 65. Cherry, Iron trimmed .....	Each 2.10
No. 105. Patent Loop Bush Snath .....	Each 2.00

### GRASS HOOKS or SICKLES

"Breck's No. 70." Finest quality tool steel, strongest and lightest hook known. Fully warranted, full polished. Each \$0.40  
No. 33. Village Blacksmith Perfect ..... Each 0.75  
Nolin No. 3. Concave, full polished ..... Each 0.85

### SCYTHE STONES

Black Diamond. A fine gritted stone. Flat octagon shape.	
Each .....	\$0.20
Imported English Round. An old well-known stone.	
Each .....	\$0.40
English Pattern, Round .....	Each 0.30

### NOVA SCOTIA MOUNTED GRINDSTONES

Only the most carefully selected Bay de Chaleur Stones are used. Best quality hardwood frames.

Diameter	Thickness of Stone
20 inches .....	2 in. 3 in. 4 in.
22 inches .....	Each \$16.00 \$19.00
24 inches .....	Each 17.25 20.50 \$24.50
26 inches .....	Each 18.50 22.50 27.00
28 inches .....	Each 20.25 25.00 30.25
30 inches .....	Each 22.00 27.75 33.75
32 inches .....	Each 23.50 30.75 37.00
34 inches .....	Each 27.50 34.25 42.00
36 inches .....	Each 29.00 37.00 46.00
	Each 31.00 41.00 50.00

### DAZEY "SHARPIT" GRINDER

Sharpit fills your need to a "T." What it does will amaze you when you see it and use it. It puts an edge on practically any kind of blade, straight, curved, beveled, big, or little. It sharpens the ice-pick, the chopping knife, the can-opener—even the scissors—and of course, all kinds of knives. Each \$1.50.

### HAY CARRIER OUTFITS

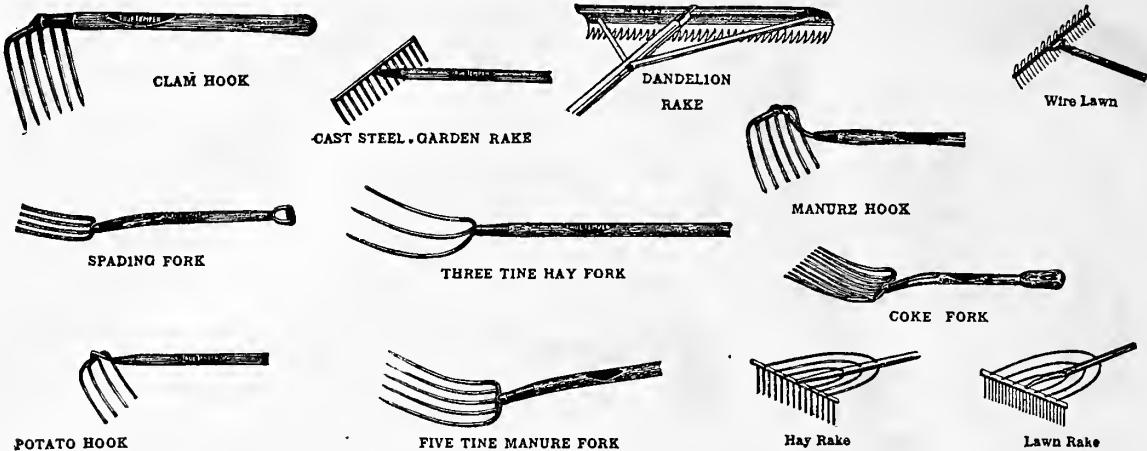
We furnish complete outfits for old or new Barns. If interested send rough sketch giving distance between rafters and number of same; distance from ridgepole to floor and location of drives-ways and bays; also if rope is to be included. Estimates given and Descriptive circular mailed free of charge.

### WOOD LAWN RAKES

Black Label, Hand made, 3 bows, bent and varnished, 28 teeth .....	Each \$1.30
Red Label, Regular, 3 bows, bent and varnished, 28 teeth .....	Each 1.20

### DANDELION RAKE

No. 25. This Dandelion Rake keeps your lawn free from ugly dandelion heads, dead grass, leaves, and sticks, which clutter up the lawn and keep back the grass. 15 1/2 inch complete with handle ..... Each \$1.15



## Hay and Manure Forks

### THREE TINE HAY FORKS

No. 2. 12 in. Tines, Straight Handles, Common Ferrules  
Length of Handles..... 4 ft. 4½ ft. 5 ft. 5½ ft. 6 ft.  
Each ..... \$1.25 \$1.35 \$1.45 \$1.50 \$1.70

No. 3. 13 in. Tines, all Bent Handles, Common Ferrules  
Each ..... \$1.35 \$1.40 \$1.50 \$1.60 \$1.75

### SALT MARSH FORKS

15 Inch Tines, Strap Ferrules  
3 ft. Handles, Each \$2.00 4½ ft. Handles, Each \$2.00  
3½ ft. Handles, Each 2.00 5 ft. Handles, Each 2.05  
4 ft. Handles, Each 2.00 5½ ft. Handles, Each 2.05

### FOUR TINE MANURE FORKS

Handles ..... 4 ft. Mall. D. Wood D.  
Common Ferrules ..... Each \$1.70 \$1.70 \$2.20  
Strapped Ferrules ..... Each 1.90 1.90 2.45

### FIVE TINE MANURE FORKS

Handles ..... 4 ft. Mall. D. Wood D.  
Common Ferrules ..... Each \$2.00 \$2.00 \$2.45  
Strapped Ferrules ..... Each 2.20 2.20 2.65

### SIX TINE MANURE FORKS

Handles ..... 4 ft. Mall. D. Wood D.  
Common Ferrules ..... Each \$2.25 \$2.25 \$2.75  
Strapped Ferrules ..... Each 2.40 2.40 2.90

### EXTRA WIDE MANURE FORKS

15 inch Iron D Handles, Strapped, extra wide  
4 Tine, oval ..... Each \$3.00  
5 Tine, oval ..... Each 3.40  
6 Tine, oval ..... Each 3.65

### SPADING FORKS

Angular Tines, Strapped Ferrules  
Handles ..... 4 ft. Mall. D. Wood D.  
4 Tine, Heavy ..... Each \$2.00 \$2.00 \$2.50  
4 Tine, Light ..... Each 1.85 1.85 2.35  
5 Tine, Heavy ..... Each 2.55 2.55 3.05

### MANURE HOOKS

4 Prong Oval, 5 ft. Handles ..... Each \$1.50  
5 Prong Oval, 5 ft. Handles ..... Each 1.60  
6 Prong Oval, 5 ft. Handles ..... Each 1.80  
4 Prong, Square, 6 ft. Handles ..... Each 3.00

### POTATO HOOKS—SOLID STEEL SHANKS

No. 4BT. 4 Oval Bent Prong ..... Each \$1.20  
No. 5BT. 5 Oval Bent Prong ..... Each 1.45  
No. 6BT. 6 Oval Bent Prong ..... Each 1.55

### CLAM HOOKS

6 Prong, Round .....	Each	\$1.80
6 Prong, Round, extra heavy .....	Each	2.20
4 Prong, Diamond, Ipswich pattern, Riveted Shanks Each .....	Each	1.55
Cape Cod, 4 flat Tines very strong .....	Each	1.40
Barnstable 6 Prong Long Handle .....	Each	1.75

### ENSILAGE, COKE, TANNERS and VEGETABLE FORKS

Description	Shape of Tines	Length of Tines	Width of Fork	Between Tines	Each
					Each
Ensilage,	8 Oval	16"			\$3.00
Coke,	8 Diamond	15	12"	1¼	2.65
Coke,	10 Diamond	17	14	1¼	3.20
Coke,	12 Diamond	18	18	1¼	3.75
Tanners,	10 Diamond		10	1	3.50
Tanners,	12 Diamond	13	13	1	4.00
Vegetable,	8 Brd. Oval				2.65
Vegetable,	10 Brd. Oval				3.20

## RAKES

### CAST STEEL GARDEN RAKES

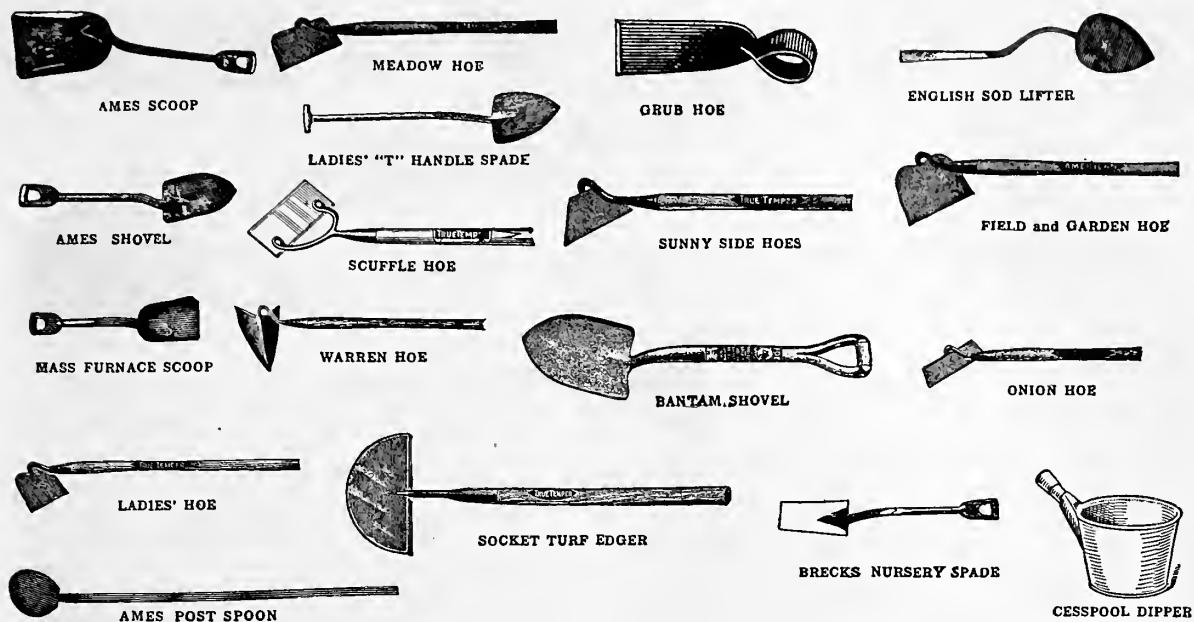
10 Teeth, Polished, Garden .....	Each	\$1.00
12 Teeth, Polished, Garden .....	Each	1.10
14 Teeth, Polished, Garden .....	Each	1.20
16 Teeth, Polished, Garden .....	Each	1.25
18 Teeth, Polished, Garden .....	Each	1.45
12 Teeth, Polished, Lawn 1¼ in. Teeth .....	Each	1.35
14 Teeth, Polished, Lawn " " " .....	Each	1.50
16 Teeth, Polished, Lawn " " " .....	Each	1.60

### STEEL WIRE LAWN RAKES

24 Teeth .....	\$1.00
36 Teeth .....	1.65

### WOOD HAND RAKES

	Wood Bows	Steel Bows	Wire Bows
Black Label, Hand made, 2 bows, bent and varnished .....	Each	\$1.05	\$1.10
Red Label, Regular, 2 bows, bent .....	Each	.95	1.00
Green Label, Common, 2 bows, bent .....	Each	.85	
Cranberry Rakes .....	Each		\$6.00
Bamboo Rakes, Imported .....	Each		1.25
Bamboo Brooms, Imported .....	Each		1.25
Bamboo Brooms, Finest Quality .....	Each		1.25



## HOES

### FIELD HOES

	Shank	Socket
Field, 6 in.	Each \$1.15	\$1.25
Field, 7 in.	Each 1.20	1.25
Field, 8 in.	Each 1.25	1.30

### ONION HOES

Solid Shank, 4 ft. 4 in. Handles	
Square Top, 7x1 3/4 in. Blade	Each \$1.15
Round Top, 7x3 in. Blade	Each 1.25

### SUNNY SIDE HOE

Shank, 7 inch—4 ft. handles	Each \$1.25
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### MEADOW HOES

Full Polished C. S. Blade, Selected Handles	Shank	Socket
8 in.	Each \$1.20	\$1.35
9 in.	Each 1.30	1.45
10 in.	Each 1.40	1.55

### LADIES' HOES

Solid Shank, 5 in. Blade, 4 ft. Handles	Each \$0.90
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### STREET and MORTAR HOES

	Shank	Socket
Mortar, Shank, 9 in.	Each \$1.45	\$1.60
Mortar, Shank, 10 in.	Each 1.55	1.70
Street, Shank, 12 in.	Each 2.00	

### WEEDING HOES

6 Teeth, Cast Steel	Each \$1.35
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### GRUB HOE

No. 3, Painted black. Polished cutter. Best refined iron with steel bits. 4 1/2 lbs.	Each \$1.10
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### WARREN HOE

Polished Socket	Each \$1.50
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### SCUFFLE HOES

American, handled	5 in. Each	6 in. \$ .90	7 in. \$ .95	8 in. \$1.00	9 in. \$1.10	10 in. \$2.00
Dutch, handled	Each	2.25	2.35	2.45	2.60	\$2.75

**MARKET GARDENERS' SLIDE or SCUFFLE HOES**  
Arlington, Handled, 5 inch to 9 inch ..... Each \$3.50

### SOCKET TURF EDGER—With Foot Rest

4 1/2 foot Handles, Flat Top ..... Each \$1.35  
30 inch Bent Handles with Iron D Tops ..... Each \$1.40

### ENGLISH SOD LIFTERS or TURFING IRONS

Specially made for handling sod. Will lift sod rapidly and without breaking. The English Lifter is very strongly made and is the pattern used by nearly all Golf Clubs.

No. 416-3. Heart Shape, Wood D Handles..... Each \$11.00

## SPADES & SHOVELS

### BANTAM SPADES and SHOVELS

#### Patent One Piece Solid Shank

No. 2. D Handle, Square Point, Polished..... Each \$1.65  
No. 3. D Handle, Square Point, polished..... Each 1.70  
No. 2. Extra D Handle, Square Point, Polished.. Each 1.70  
Long Handled and Round Point Shovels and Spades  
same prices.

### BRECK'S NURSERY SPADES

Blade 12 1/2x7 1/2x5 1/2 ..... Each \$4.85

### MASSACHUSETTS FURNACE SCOOP

Long or D handles, half polished, black..... \$1.40  
Ash Pan No. 4, 6 ft., straight handles..... Each \$2.50

### OLIVER AMES & SONS SPADEs and SPADES

Plain Back, Polished, Solid Cast Steel Each

No. 2. D handle, square or round point shovels..... \$2.25  
No. 2. D handle, spades..... 2.25  
Long handles same price

### OLIVER AMES and SONS SCOOPS

Each Each Each

No. 2 ..... \$2.25 No. 4 ..... \$2.40 No. 6 ..... \$2.50  
No. 3 ..... 2.35 No. 5 ..... 2.45 No. 7 ..... 2.60

No. 6. Breaking Down D handle Diamond Point.. Each \$2.50

### OLIVER AMES and SONS POST SPOONS

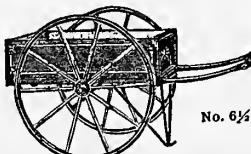
No. 823. 7 ft. handles, size 10x8 1/4 ..... Each \$3.50

No. 823. 8 ft. handles, size 10x8 1/4 ..... Each 3.80

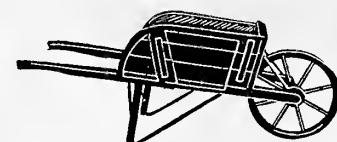
### CATCH BASIN or CESSPOOL DIPPER

Dippers, galvanized ..... Each \$4.75

Dippers, galvanized, with handle ..... Each 5.75



PIONEER PUSH CART



WHEELBARROW



ROOT and BRUSH PULLER



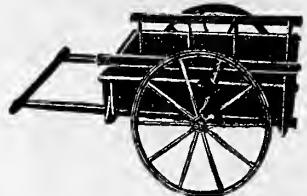
EXTRA HEAVY STONE-BOAT



ADZE EYE CONTRACTORS PICK



ADZE EYE MATTOCK



COLONIAL LAWN CART

**ADZE EYE CONTRACTORS PICKS**

Forge finished and oiled. Best refined iron with steel points.  
Contractors' picks, 8 lbs. .... Each \$1.50  
Contractors' picks, 8½ lbs. .... Each 1.60  
Contractors' picks, 9 lbs. .... Each 1.70

**ADZE EYE MATTOCKS**

Pick mattock ..... Each \$1.25  
Long cutter mattock ..... Each 1.25  
Short cutter mattock ..... Each 1.20

**MATTOCKS**

Nursery Mattocks, Extra Quality ..... Each \$1.00  
Handles, Oak, 36 inches ..... Each .50  
No. C E 3½. Blades and shank one piece of steel, handled.  
Each ..... \$1.50

**STEEL CROW BARS**

Solid cast steel. Wedge Points.  
Crow bars, 10 lbs. and over ..... Per lb. \$0.12  
Pinch bars, 10 lbs. ..... Each 1.00

**STEEL SPLITTING WEDGES**

Square head. Oil finish. Solid Cast Steel ..... Per lb. \$0.12  
Truckee Pattern Forge finished. Solid cast steel. Per lb. .13

**GRANITE or PLUG DRILLS**

Made from the best quality tool steel. Sharpened and ready for use. Tapered, pointed and headed. ¾ inch, quarter octagon, 18 inches long ..... Each \$1.00

**WEDGES and SHIMS—For Splitting Stone**  
No. 3 or No. 4½. Wedges and Shims ..... Per lb. \$0.40**STONE HAMMERS**

Forge finished and oiled. Solid cast steel.  
Stone hammers ..... Per lb. \$0.30

**STRIKING HAMMERS**

Oil finished. Polished faces. Solid cast steel.  
Striking hammers, 5 to 30 lbs. ..... Per lb. \$0.25

**HAND DRILLING HAMMERS**

New England pattern. Oil finish. Polished faces. Solid cast steel.  
Hand drilling, 5 lbs. and over ..... Per lb. \$.035

**WOOD BEETLES**

Wood Beetles, 6 in. diameter, 10-in. long, handled, Each \$5.00

**SAND, GRAVEL and COAL SCREENS**

The frames are of seasoned oak, strongly made and ironed.  
All the iron work is japanned to prevent rusting. Any size of mesh desired.

Complete with iron leg, under 1-in. mesh ..... Each \$18.00  
Complete with iron leg, over 1-in. mesh ..... Each 19.00

**LOAM SIEVES**

Wood Rim ¼, ⅓, ½, ⅔, ¾, and 1 inch mesh.. Each \$2.00

**DIRT and SOD TAMPER**

No. 6. 8x8 inches, 17 lbs., handled ..... Each \$2.10

**ROOT and BRUSH PULLERS**

Very strong and serviceable. 3 prong, heavy wrought iron.  
Each ..... \$15.00

**STEEL HEAD STONE-BOATS**

7 ft. long x 34 inches wide, complete ..... Each \$22.50

**STEEL STONE-BOAT HEADS**

Two-horse, 34 inches wide with Bolts. Steel Head only.  
Each ..... \$7.50

**EUREKA POST-HOLE DIGGER**

Gives perfect satisfaction ..... Each \$2.00

**IWAN'S POST-HOLE and WELL AUGER**

Sizes, inches 3 4 5 \*6 \*7 \*8 \*9 \*10 12 14  
Each \$2.50 2.50 2.50 2.50 2.65 2.65 2.85 3.15 8.50 10.50  
Sizes marked \* carried in stock

**PUSH CARTS**

No. 12. 30x20½x9½. 26 in. Steel Wheels ..... \$20.00  
No. 13. The same with 14 in. Front Wheel ..... 24.00  
No. 23. 39x20½x9½. 26 in. Wheels, 14 in. Front Wheels 25.00  
No. 53. 40x26x9½. 30 in. Wheels, 18 in. Front Wheels 29.00  
No. 53 has drop end board.  
No. 74. 48x24x11½. 30 in. Steel Wheels. Two 18  
in. Front Wheels ..... 34.00

**WATER BARREL CARTS**

Cart complete with wood wheels, 4 inch Tires.. Each \$25.00  
Leaf Racks fitted for above ..... Each 18.00  
Barrels fitted for above ..... Each 12.00  
Boxes fitted for above ..... Each 8.00

**COLONIAL LAWN CART**

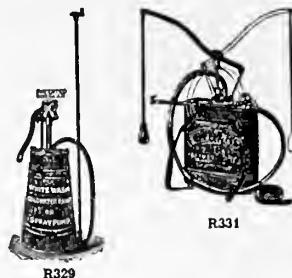
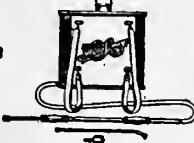
This style cart is used for large Estates, Parks, etc.  
Box measurement, 54x33 inches; depth, 11 inches; 18 inches to top of side boards. Wheels, 42 inches in diameter; 1½ inch tread; axle 1¼ inch square; weight, 220 pounds.

Price each, \$65.00

**WHEELBARROWS**

Eureka No. 3. Boys' Barrow ..... Each \$7.75  
Eureka No. 4. Garden Barrow ..... Each 8.00  
Eureka No. 5. Farm Barrow ..... Each 9.00  
"Red Star" Garden and Farm Barrow ..... Each 10.00  
"Green Star" Home Barrow ..... Each 6.00  
Leaf Rack Wood. 23x38 ..... Each 18.00

Can be used on all sizes of Garden Barrows.



Brown Auto Spray No. 5

Fig. 2097

Fig. 1317

Fig. 1290

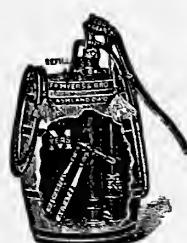
Fig. 1564

R331

R329

MYERS SPRAY PUMPS

## SPRAY NOZZLES



MYERS' SPRAY PUMPS

## SPRAY PUMPS

No. R308. Myers' O. K. Spray Pump with mechanical agitator, suction pipe and strainer. Each, \$21.50. Hose and nozzles additional.

No. R324. Myers' Lever Bucket Spray Pump, with agitator, hose, and graduating nozzle. Each, \$6.50.

No. R327½. Myers' Little Giant Brass Spray Pump with agitator. Complete with hose and graduating Vermorel nozzle and malleable foot rest. Each, \$4.30.

No. R329. Myers' General Purpose Sprayer. Each, \$13.00.

No. R331. Myers' Copper Knapsack Sprayer. Each, \$18.00

Myers' Barrel Spray Outfit consists of an all steel Barrel Cart, attached to barrel—with the Myers' No. 318B Coggear Spray Pump with one lead, 15 ft.  $\frac{1}{2}$ -in. hose, nozzle, mechanical agitator, complete.

No. 318B Pump, as described ..... Each \$16.00

Steel Cart only ..... Each 16.00

Barrel ..... Each 10.00

Price of Outfit ready for use ..... Each 42.00

Myers' Complete Spray Outfit, No. 316B. Pump complete: 50-gal. barrel on skids, pressure gauge, one 15-ft. lead  $\frac{1}{2}$ -in. hose, one nozzle, one 8-ft. pipe extension, lever shut-off and mechanical agitator double-acting pump. Each, \$54.00.

No. R337B Myers' Portable Sprayer. Garden Sprayer Tank holds 12½ gallons. Powerful pump, 15 ft.  $\frac{1}{2}$ -inch, hose, nozzle, two 4-ft. pipe extensions, complete. Each, \$26.00.

Myers' Compressed Air Sprayer No. 2297. Galvanized tank 4½ gallons. Each, \$6.75.

No. 1824. Myers' Power Spray Gun utilizes the entire capacity of any power Spray Pump and does away with all bamboo extensions, nozzles and fittings. Each, \$6.00.

Brooks' Brass Hand Pump. A low-priced, all Brass Pump for poultryman and for whitewashing. Each, \$3.00.

"Modoc" Hand Pump will throw a straight stream or a fine spray with the same nozzle. Each, \$6.00.

Brown No. 50D Junior Galvanized Compressed Air Sprayer. Capacity 2½ gals. Each, \$5.75.

Brown Auto Spray No. 5. A double action continuous stream pump, making it an ideal, all purpose, hand sprayer. Each, \$5.00.

Extension for Auto Spray No. 5. Each, 60c.

Galvanized Knapsack for same. Each, \$3.25.

## BROWN'S AUTO SPRAYERS

	Each
No. 1B. Brass Tank .....	\$10.00
No. 1D. Galvanized Tank .....	7.00
No. 9B. Brass Tank, Screw Top .....	9.50
No. 9D. Galvanized Tank, Screw Top .....	6.50
Brass Extension Pipes .....	.60
Brass Strainer .....	1.25

## BROWN'S NON-CLOG JR. NOZZLE

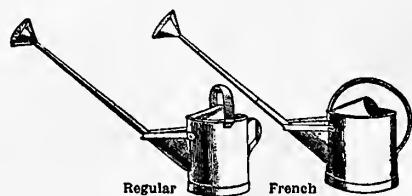
Straight or 45° angle .....	\$0.90
Auto Spray Nozzles only .....	1.50
Auto Spray Nozzles with Hose .....	2.00
Soft parts for auto sprayers .....	Per set .25

## LOWELL SPRAYERS

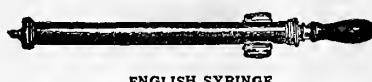
	Each
No. 210. Pennant Galvanized Compressed Air Sprayer .....	\$7.00
No. 211. Pennant Brass Compressed Air Sprayer .....	10.00
No. 110. Fountain Galvanized Compressed Air Sprayer .....	7.00
No. 120. Baby Fountain Galvanized Air Sprayer .....	4.50
No. 122. Baby Midget, $\frac{1}{2}$ pt. Sprayer .....	.35
No. 118. Midget, 1 pt. Sprayer .....	.40
No. 125. Ideal Tin, 1 qt. Sprayer .....	.50
No. 127. Ideal Brass, 1 qt. Sprayer .....	1.00
No. 115. Continuous Tin Sprayer .....	.90
No. 117. Continuous Brass Sprayer .....	1.25
No. 141. Nu Day Tin, $\frac{1}{4}$ pt. Sprayer .....	.40
No. 137. Lac-R-Spray Tin Sprayer .....	1.15
No. 137B. Lac-R-Spray Brass Sprayer .....	1.50
Lac-R-Spray, Extra Bowls, Tin .....	.30

## SPRAY NOZZLES

No. 1317. Power Nozzle .....	Each \$1.10
No. 1564. Graduating Vermorel Nozzle .....	Each .80
No. 1291. Long Distance Nozzle .....	Each 1.10
No. 1290. Hand and Power Nozzle .....	Each .60
No. 2097. Bordeaux Nozzle .....	Each 1.00
No. 1470. Myers' Way Nozzle .....	Each 1.00
No. 480. 8-ft. Pipe Extensions with Lever .....	Each 1.80
No. 772. Hose Reducer .....	Each .30
No. 1380. 45-Degree Bend, $\frac{1}{4}$ in. Pipe .....	Each .25
Creosote Brushes .....	Each 1.40



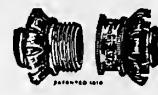
WOTHERSPOON'S GALVANIZED WATER POTS



ENGLISH SYRINGE



Perfect Hose Mender



Perfect Hose Coupling



PATENTED DOUBLE ROTARY SPRINKLER



RING SPRINKLER



Fig. 1



Fig. 2



Fig. 3.

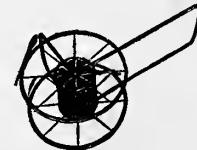
BRECK'S COMBINATION SPRINKLER



NEW BOSTON SPRAY NOZZLE



Czarina



## Garden & Lawn Hose

Garden and Lawn Hose is furnished in 50-foot lengths with couplings attached. Prices include couplings. In less than 50-foot lengths couplings will be additional.

### RIBBED RED COVER BRAIDED HOSE.

Finest Quality

Goodrich Ribbed, $\frac{3}{4}$ -inch	Per ft. \$0.21
Goodrich Ribbed, $\frac{1}{2}$ -inch	Per ft. .19

### SMOOTH RED COVER BRAIDED HOSE

Maxecon (Rob Roy), $\frac{5}{8}$ -inch	Per ft. \$0.16
--	----------------

### BLACK SMOOTH COVER BRAIDED HOSE

Greenhouse, $\frac{3}{4}$ -inch, finest quality	Per ft. \$0.39
Greenhouse, $\frac{1}{2}$ -inch, finest quality	Per ft. .36

### BLACK RIBBED COVER BRAIDED HOSE

Ribcord, $\frac{5}{8}$ -inch	Per ft. \$0.14
------------------------------	----------------

### SPRAY HOSE

Smooth Black Cover Braided

Jupiter Spray Hose is especially adapted to power sprayers and will stand the pressure required. Price does not include couplings. Long tailed coupling generally used for which there will be an additional charge.

Jupiter, 2 braided, $\frac{3}{8}$ -inch	Per ft. \$0.18
Jupiter, 2 braided, $\frac{1}{2}$ -inch	Per ft. .28

### HOSE ACCESSORIES

#### RUBBER HOSE WASHERS

Packed in cartons containing 12 washers. Per carton \$0.10

#### SIAMESE HOSE CONNECTION

$\frac{1}{2}$  and  $\frac{3}{4}$  inch Siamese Connection.....Each \$2.00

#### BRASS HOSE COUPLINGS

For  $\frac{1}{2}$ ,  $\frac{3}{4}$  or  $\frac{5}{8}$  inch hose .....Per set \$0.20

#### LONG TAILED COUPLINGS FOR SPRAY HOSE

$\frac{3}{8}$  inch, per set, 50c;  $\frac{1}{2}$  inch, per set, 50c;  $\frac{3}{4}$  inch, per set, 80c

CLINCHING HOSE MENDER and COUPLING

Perfect Clinching Couplings,  $\frac{3}{4}$ ,  $\frac{5}{8}$  or  $\frac{1}{2}$  inch.. Per set \$0.25

Perfect Clinching Hose Menders,  $\frac{3}{4}$ ,  $\frac{5}{8}$  or  $\frac{1}{2}$  inch ..Each .10

#### ALLEN HOSE CLAMPS—GALVANIZED

For use in attaching couplings, Menders, etc.

Sizes:  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$  and  $\frac{3}{4}$  in. ....Each \$0.05

### COOPER HOSE MENDER

$\frac{1}{2}$  inch or  $\frac{3}{4}$  inch .....Each \$0.10

### BULL DOG FRICTION TAPE

Exceedingly useful for mending hose. Per coil, 5c, 10c, 20c and 40c.

### ALL METAL HOSE REELS and CARTS

Capacity given for  $\frac{3}{4}$  inch hose.

No.	Each	Capacity	Each
10.	Height of wheel 21 in., capacity 100 ft.	100 ft.	\$6.00
20.	Height of wheel 24 in., capacity 150 ft.	150 ft.	7.00
21.	Height of wheel 28 in., capacity 200 ft.	200 ft.	18.00
30.	Height of wheel 29 in., capacity 400 ft.	400 ft.	11.50
31.	Height of wheel 34 in., capacity 500 ft.	500 ft.	18.75
90.	Height of wheel 34 in., capacity 500 ft.	500 ft.	21.50
100.	Height of wheel 36 in., capacity 600 ft.	600 ft.	30.35
Victor.	Capacity 100 ft.	100 ft.	3.00
W. & K. No. 2.	Capacity 100 ft.	100 ft.	4.50
Simplex.	Capacity 50 ft.	50 ft.	2.25
Reelezy.	Capacity 100 ft.	100 ft.	2.25

### WATER POTS

4 qt. 6 qt. 8 qt. 10 qt. 12 qt. 16 qt.

Galvanized, each \$ .85 \$.95 \$1.05 \$1.15 \$1.45 \$1.65

Parlor tin, painted, long spout, 2 qts.....Each \$1.15

Parlor tin, assorted colors, long spout, 4 qts.....Each 1.35

Parlor tin, painted Green with Rose, 2 qts.....Each .50

### WOTHERSPOON'S GALVANIZED WATER POTS

4 qt. 6 qt. 8 qt. 10 qt. 12 qt. 16 qt.

Regular Pattern, Each \$5.75 \$6.25 \$7.00 \$7.50 \$8.25 \$9.00

6 qt. 8 qt. 10 qt. 12 qt.

French Pattern, Each \$7.25 \$8.00 \$8.50 \$9.50

4 qt. 6 qt. 8 qt.

English Pattern, Each \$9.00 \$10.00 \$11.00

### ENGLISH SYRINGE—ALL BRASS

No. 110. 18x1 $\frac{1}{2}$  in., fine and coarse rose, 1 jet....Each \$13.00

No. 103. 16x1 $\frac{1}{2}$  in., one rose, 1 jet.....Each 8.50

No. 102. 16x1 $\frac{1}{4}$  in., one rose, 1 jet.....Each 6.75

No. 101. 12x1 in., one rose, 1 jet.....Each 4.75

### BARRIE SOAP SPRAYERS

For  $\frac{3}{4}$  inch or  $\frac{5}{8}$  inch Hose.....Each \$7.50

### SPRAY NOZZLES

New Boston .....Each \$0.65

Giant Jr. .....Each .35

# SPRINKLERS

(See illustrations on opposite page)

## BRECK'S COMBINATION SPRINKLER

This combination is made of solid brass. The sprinkler is three inches in diameter, with holes of the right size to throw a copious and gentle stream on the plants or lawn. The washing up of the soil is avoided by using "Breck's."

Breck's Sprinkler, complete 3 inch head .....	Each \$2.25
Breck's Sprinkler, head only, 3 inch .....	Each 1.15
Breck's Sprinkler, head only, 4 inch .....	Each 1.25
Breck's Sprinkler, stop cock only .....	Each 1.00
The Ross Sprinkler throws the water in a fan-shaped spray, descending like rain, without force, and does not wash the soil into furrows, consequently is desirable for sprinkling new lawns, flower beds, and for greenhouse work.....	Each \$1.00
The Double Rotary Sprinkler is a great favorite among the Greenskeepers. Gears are enclosed and run in oil..	Each \$12.50
Rainbow. 2 arm, 8½ inches high .....	Each \$2.25
Czarina. 3 arm, 11 inches high .....	Each 1.75
Yankee. 4 arm, 20½ inches high .....	Each 3.00
Export. 4 arm, 48 inches high .....	Each 9.00
Export. 8 arm, 48 inches high .....	Each 10.00
Allen Ring. All brass, 8 in. diam., 1½ in. high.....	Each .80
Garden City No. 2. Blake Head, 26 inches high....	Each 1.50
Blake Head No. 1. ¾ inch hose pipe thread .....	Each .35
Blake Head No. 2. ¾ inch iron pipe thread .....	Each .35
C. B. G. Popular low cost, 1½ inches high .....	Each .35
Hose Holder. Adjustable, 16½ in. high .....	Each 1.50

## RAIN KING SPRINKLERS and NOZZLES



Standard Rain King



Mammoth Rain King

### THE STANDARD RAIN KING SPRINKLER

A real innovation in the sprinkler line, and radically different from any other sprinkler ever made.....

MAJESTIC RAIN KING SPRINKLER	
No. A. 15 inches high .....	Each \$5.00
No. B. 24 inches high with Bird Bath.....	Each 6.00

### THE GIANT RAIN KING SPRINKLER

The Giant among Sprinklers. Stands four feet high and has 20-inch arms. Fills every sprinkler requirement. For fine lawns, estates, parks, and golf greens.....

### MAMMOTH RAIN KING SPRINKLER

For golf courses, parks, gardens and large estates.  
Its brass arms have a spread of 4 feet and are equipped with the famous Rain King adjustable sprinkler nozzles (large size) while a standard size nozzle is mounted on the head and insures a thorough, even distribution of water over the entire area covered.

Equipped with a new roller type base and can be moved about easily without injury to the finest turf. Can be set revolving or stationary and adjusted to cover any desired area up to 6,000 square feet. It will operate on any pressure from 5 pounds up and at 45 pounds will discharge over 1,000 gallons of water per hour.....

Each \$17.50

### RAIN KING HOSE NOZZLE

This nozzle has no moving parts to wear, clog, or give trouble. Wear-Proof, Leak-proof, and guaranteed forever.. Each \$1.50

### RAIN KING HOSE COUPLER

Very effective. Ask to see it ..... Each \$0.60

## SKINNER SYSTEM

Sprinklers  
For Lawn, Garden and Golf-Green



Peacock Sectional Lawn and Golf Green Sprinkler. No moving parts. Each section covers 50x15 feet. Several may be connected together .....

Per section \$15.75

Peacock Junior. Waters 50x10 feet .....

Each \$9.00

Lawn Mist Sectional Sprinkler. Throws a fine mist, otherwise similar to the Peacock .....

Per section \$12.50

Lawn Mist Junior .....

Per 9½ ft. section 8.75

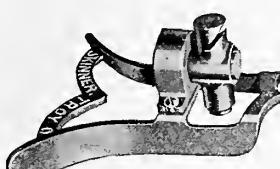
Border Mist Sprinkler. Throws a fine mist in one direction.

Valuable along walks, etc. ....

Each \$12.50

Border Mist Junior. Similar to above .....

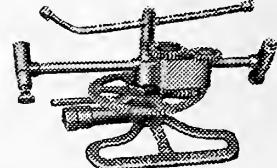
Each \$8.75



### TU WAY SPRINKLER

Covers 30 foot circle, changes instantly to half circle for borders .....

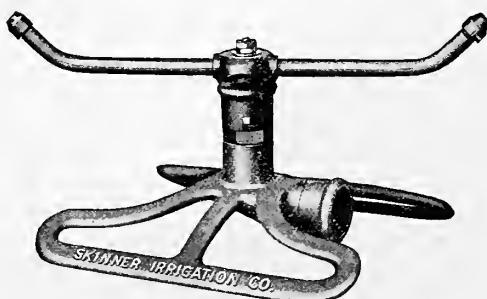
Each \$1.25



### ROTO-RAIN SPRINKLER

Covers 80 foot Circle. Adjustable—will last for years—strongly made ..

Each \$16.50



### MOR-RAIN SPRINKLER

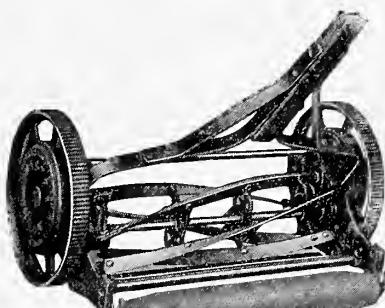
Covers 50-foot circle or half circle .....

Each \$3.50

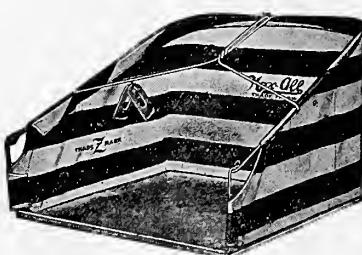
Skinner System Garden Sprinkling Lines. Made to fit any garden—Send measurements for prices.

Special Bulletins on all the above on Request.

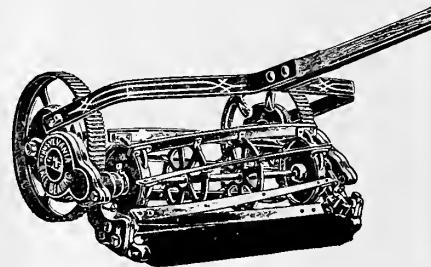
# Lawn Mowers and Grass Catchers



Breck's "Master" Mower



Nox-All Grass Catcher



Pennsylvania Golf Mower

## BRECK'S "MASTER" MOWER

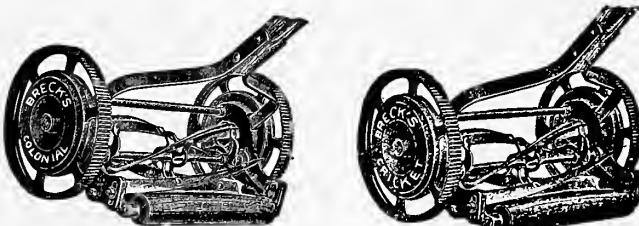
A new and carefully designed mower, using all Roller and Ball Bearings, reducing friction and wear to a minimum. Cuts grass from 7/16 inch to 1 inch. Has 11 inch wheels, 6½ inch reel, 5 steel blades.

	15 in.	17 in.	19 in.	21 in.
Each	\$29.00	\$31.00	\$33.00	\$35.00

## BRECK'S LONGWOOD

Finest Lawn Mower made. Fully Guaranteed in every respect. A ball-bearing mower internationally known for its strength, durability, construction, and the fine work it does. This mower cannot be excelled. Ten-inch drive wheels. Five tempered tool-steel blades on reel. Size of reel, 6 inches.

	15 in.	17 in.	19 in.	21 in.
Each	\$18.00	\$19.00	\$20.00	\$21.00



New Colonial

Cricket

## BRECK'S NEW COLONIAL

Ten inch wheels, 4-bladed wiper, and ball bearings.

	15 in.	17 in.	19 in.	21 in.
Each	\$17.00	\$18.00	\$19.00	\$20.00

## BRECK'S CRICKET

Best low-priced machine made.

Ten inch High Wheels, 4-Blade Wiper, Ball Bearings.

	High-Wheel Cricket Mowers	12 in.	14 in.	16 in.	18 in.
Each		\$13.00	\$14.00	\$15.00	\$16.00

## BRECK'S LOW-WHEEL CRICKET

Eight inch Low Wheels, 3-Blade Wiper, Plain Bearings.

	12 in.	14 in.	16 in.	18 in.
Each	\$7.50	\$8.25	\$8.50	\$9.00

## BRECK'S FANEUIL

Ten inch Open Wheels, 4 Blades.

	14 in.	16 in.	18 in.
Each	\$11.25	\$12.00	\$12.75

Nox-All Grass Catcher

## PENNSYLVANIA MOWERS

### GREAT AMERICAN MOWER

	15 in.	17 in.	19 in.	21 in.
Each	\$18.00	\$20.00	\$23.00	\$25.00

### QUAKER CITY MOWER

	14 in.	16 in.	18 in.
Each	\$14.00	\$16.00	\$18.00

### WILLIAM PENN MOWER

	16 inch only	Each \$16.00

### PENNSYLVANIA GOLF MOWER

Wheels, 10 inch. Ball-Bearing. 7 Knife.

This machine can be adjusted to cut  $\frac{1}{8}$  of an inch, practically shaving the lawn, and is especially adapted to Putting Greens, tennis courts, and exceptionally fine lawns.

	17 inch	Each \$34.00
	19 inch	Each 38.00
	Grass Boxes, 17 or 19 inch	Each 8.00

### SUPER ROLLER GOLF MOWER

	18 inch only	Each \$50.00
	Grass Box	Each 8.00
	Carriage	Each 5.00

### ARISTOCRAT GOLF MOWER

	19 inch only with Grass Box	Each \$48.00

### LAWN TRIMMERS

	Pennsylvania Undercut, 5 inch cut	Each \$12.00
	Townsend Gleaner, 8 inch cut	Each 13.00

### PENNSYLVANIA LAWN CLEANER and RAKE

This machine will remove from the lawn not only the cut grass, but all sorts of litter, leaves, and trash.

	24-inch	Each \$35.00	36-inch	Each \$50.00

### SPRINGFIELD LAW and GOLF SWEEPER

	For Sweeping lawns, walks, golf grounds, etc.	
	Lawn Sweeper, 28-inch	Each \$36.00
	Golf Sweeper, 28-inch	Each 36.00
	No. 1 Sweeper for Tractor Use	Each 425.00

### NOX-ALL GRASS CATCHER

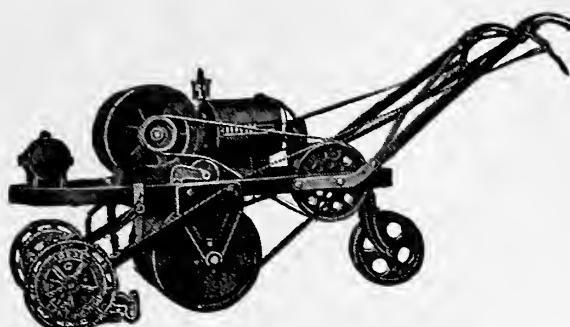
Furnished in fine quality duck only.

	No. 508 H. S. Fits 12 to 16-inch mowers	Each \$1.15
	No. 509 H. S. Fits 16 to 20-inch mowers	Each 1.25

### LAWN MOWER OIL

	4 oz. cans, Each \$0.20	8 oz. cans, Each \$0.25

# Power Lawn Mowers and Rollers



Ideal 30-inch Power Mower

## IDEAL POWER MOWERS, WHEEL TYPE

20 inch .....	\$195.00
25 inch .....	290.00

## IDEAL 30 INCH POWER LAWN MOWER

This is a combined power mower and roller. It will do more and better work than five men with hand mowers.

30 inch with one Cutting Mower .....	Each \$385.00
30 inch Riding Attachment .....	Each 25.00
30 inch Cutting Mower only .....	Each 63.00

## IDEAL JUNIOR POWER MOWER

This Power Mower is built to meet the needs of those who have lawns that are too large to care for conveniently by hand.

22 inch with one Cutting Mower .....	Each \$265.00
22 inch Cutting Mower only .....	Each 52.00

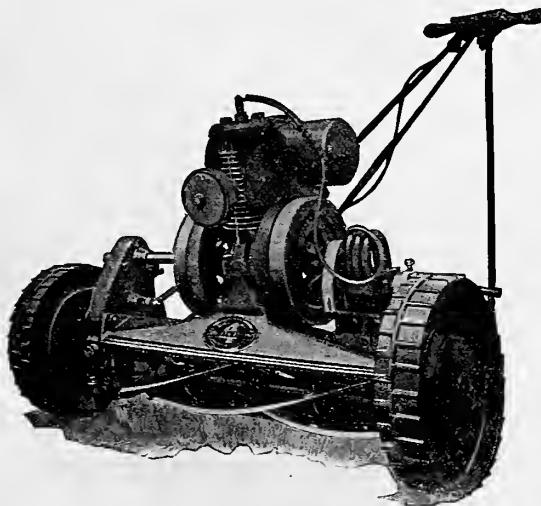
## FOUR-ACRE POWER MOWER

The lawn today is an essential part of the modern home. Without it a beautiful home would be as much out of place as a parlor without a rug. There's nothing handsomer than a green, evenly-cut, velvety lawn.

The 4-Acre Power Lawn Mower is the smallest, most compact and simplest power mower on the market today, weighing only 200 pounds, and occupying a space of 18x35 inches when not in use.

4-Acre Power Mower, 24 inch. Heavy Duty....Each \$295.00

Grass Catchers .....	Each 6.00
Junior 4-Acre Mower, 19 in. ....	Each 210.00



Four-Acre Power Mower

## JACOBSEN PUTTING-GREEN MOWERS

### With Grass Catcher

The Racine Putting-Green Mowers are especially adapted to golf work. They leave a perfect surface in much less time than hand mowers. 24 inch. Complete ..... Each \$335.00  
19 inch. Complete ..... Each 195.00  
Racine Estate Mower. Roller type. 24 inch...Each 320.00

## HORSE LAWN BOOTS

For Lawn or Golf work, Horse Boots are indispensable for use in connection with Mower or Roller.

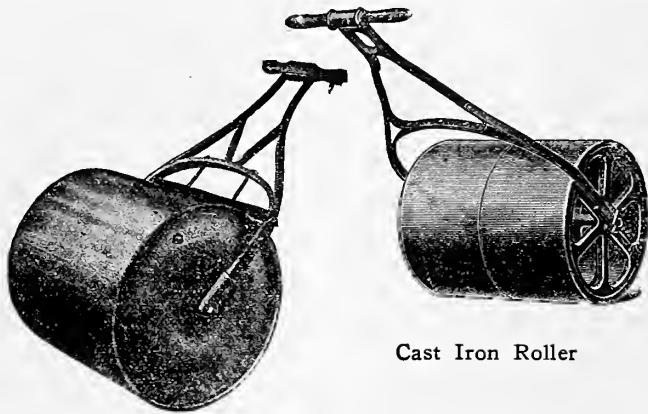
	Per set
Links Lawn, No. 2 or No. 2 Shoe .....	\$18.00
Links Lawn, No. 4 or No. 4 Shoe .....	18.00
Links Lawn, No. 6 or No. 6 Shoe .....	18.00
Baker's, with Leather Taps .....	10.00
Baker's, without Leather Taps .....	7.50
When ordering, send diagram showing size of horse's feet or the size of shoe used.	

## CAST IRON HAND LAWN ROLLERS

These Rollers give satisfaction; they leave greens and grounds in perfect condition. They are built to give many years of satisfactory service.

Outer edges beveled. Steel Axles perfectly fitted in machined bearings. Iron handle, absolutely rigid.

No. 1. 15x15 in., 2 sections, 7½ inch face, 150 lbs..	Each \$20.00
No. 4. 20x20 inches, 2 sections, 10 in. face, 250 lbs..	Each 31.00
No. 5. 20x20 in., 1 section, 20 inch face, 250 lbs..	Each 31.00
No. 6. 20x24 in., 3 sections, 8 inch face, 300 lbs....	Each 37.00



Cast Iron Roller

Water Ballast Roller

## GENUINE DUNHAM WATER BALLAST ROLLERS

The "Water Ballast Lawn and Garden Roller" requires but a moment's time to obtain any weight from 115 pounds to half a ton, suitable to condition of ground or strength of operator. Furnished complete with wrought iron handles and counter-weights.

### With Roller Bearings

No.	Width of Drum	Weight empty	Weight with Water	Weight with Sand	Each
5	18x24	136	311	311	\$24.50
7	24x24	161	471	471	27.50
9	24x32	181	616	616	30.50
2472	24x70	372	1405	2193	100.00

### With Plain Bearings—No Counter Weights

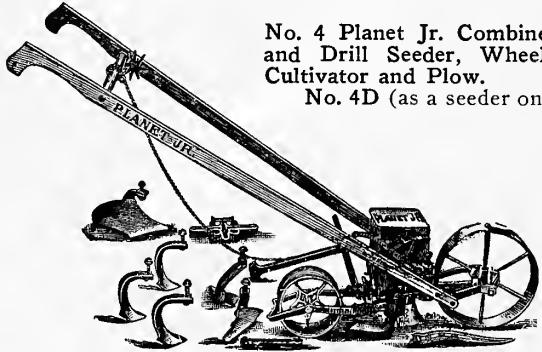
2	14x24	68	175	\$13.50
4	18x24	82	265	16.00

We carry a full line of Horse and Lawn Rollers  
Description and prices sent on request.

# PLANET JR. FARM AND GARDEN TOOLS

You cannot afford to till the ground without Planet Jr. tools. They not only save hard labor but they enable you to cultivate double the acreage in the same time, and thus add over 100 per cent to your crop yield. Invented by a practical farmer and manufacturer—the

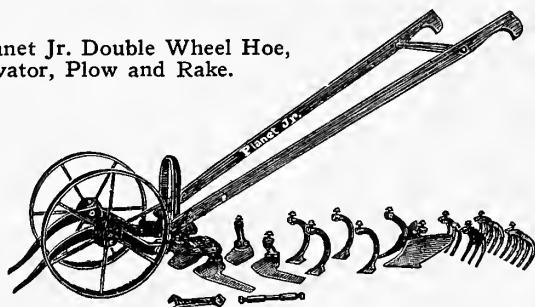
result of fifty years' experience. Strong lasting construction. Fully guaranteed. We show but a few of these tools here but complete catalogue will be sent on application.



No. 4 Planet Jr. Combined Hill  
and Drill Seeder, Wheel Hoe,  
Cultivator and Plow.

No. 4D (as a seeder only)

No. 11 Planet Jr. Double Wheel Hoe,  
Cultivator, Plow and Rake.

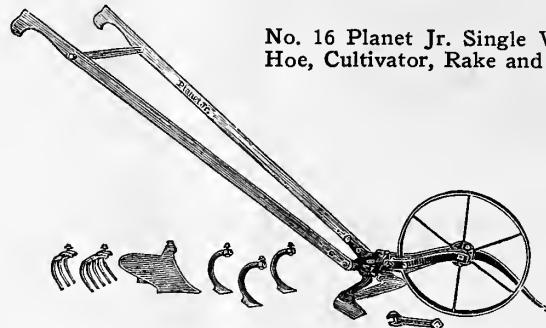


## SEEDERS

	Price		Price
No. 3	\$17.50	No. 220	\$27.00
No. 4	18.00	No. 25	21.50
No. 4D, plain	14.25	No. 154-Four row	145.00
No. 5	20.00	No. 300	20.00
No. 26	20.00		
No. 157-Two row, New Style	45.00		
No. 35, Seeder Attachment	6.50		



No. 300 Planet, Jr., Seeder, 1929 Model

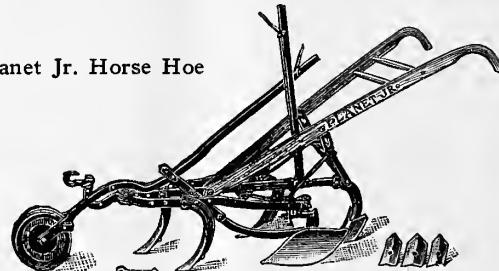


No. 16 Planet Jr. Single Wheel  
Hoe, Cultivator, Rake and Plow

## WHEEL HOES, GARDEN PLOWS, ETC.

	Price		Price
No. 11 Double	\$13.75	No. 18 Single	\$ 5.75
No. 12 "	10.75	No. 19 "	6.00
No. 13 "	8.00	No. 119 "	4.75
No. 16 Single	9.00	7½ inch Star Pulverizer	3.25
No. 17 "	7.75	Fire Fly Plow	4.25
No. 17½ "	6.75	No. 2. Grass Edger	1.60

No. 8 Planet Jr. Horse Hoe



## HORSE HOES

	Price
No. 4, with Wheel	\$12.25
No. 7, with Wheel	15.75
No. 8, with Wheel	16.25
No. 9, with Wheel	14.25
No. 82, with Wheel	15.75

## PLAIN CULTIVATORS

No. 4, with Wheel	\$10.50
No. 9, with Wheel	12.75
No. 83, with Wheel	14.25
No. 101, with Wheel	11.00

## HARROWS

No. 90, complete	\$17.00
No. 90B, less Pulverizer	13.75
Double Celery Hiller (New Style)	27.50

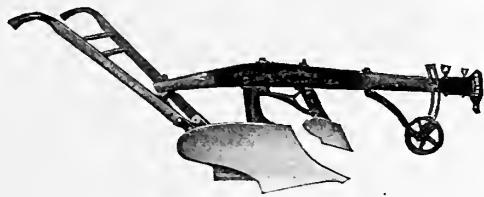
## PIVOT WHEEL CULTIVATORS

No. 72, Pin Break Standards and Regular Bearings complete	\$100.00
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# PLOWS

## "GENUINE" OLIVER CHILLED PLOWS WOOD BEAM

No.	Description	Furrow Inches	Plain	With Wheel	Wheel and Jointer	Or Cutter
A.	Light One-Horse....	4½x 8	\$10.00	\$11.65		\$15.25
B.	Medium One-Horse..	5 x10	12.00	13.65		17.25
10.	Heavy One-Horse ...	5½x11	16.00	17.65		21.25
13.	Very Lt. Two-Horse..	6 x11	18.00	19.65		23.25
19.	Light Two-Horse....	6½x12	19.50	22.00		26.40
20.	Medium Two-Horse..	7 x13	21.00	23.50		27.90
E.	Heavy Two-Horse....	7 x14	24.00	26.50		30.90
40.	Heavy 2 or 3-Horse..	9 x16	24.00	26.50		30.90



No. 40 Oliver Chilled Plow with Wheel and Jointer

## STEEL BEAM

Nos. 82, 83, and 84 are new patterns and intended for general purpose work.

82.	Light Two-Horse....	6½x12	\$19.75	\$21.70	\$26.40
83.	Medium Two-Horse..	7 x14	21.50	23.45	28.15
84.	Heavy Two-Horse...8	x16	24.50	26.45	31.15

## "GENUINE" OLIVER STEEL PLOWS

42.	Light Two-Horse....	7½x13	\$22.50	\$24.70	\$29.40
43.	Medium Two-Horse..	8½x15	25.00	27.20	31.90

## OLIVER SUBSOIL PLOW

Subsoiler, Depth, 10 to 14 inches, Weight, 143 lbs. Each \$31.50

## OLIVER DOUBLE MOULDBOARD PLOW

No. Z, double furrow, 16 inch spread, 70 pounds. Each \$18.70

## OLIVER SIDE-HILL or SWIVEL PLOWS

No.	Mouldboard	Furrow Inches	Chilled	Plain	With Wheel	Complete with Jointer	Cutter or Jointer
153.	Light One-Horse....	4x 8				\$15.65	
155.	Heavy One-Horse...	6x10					\$26.15
512.	Heavy Two-Horse...8	x13	\$25.00		26.65		29.95
513.	Heavy Two-Horse...8	x15	28.00		29.65		32.95

One extra share given with each plow.

## OLIVER ROAD PLOWS

Latest pattern practical Road and Grading plow. Built to supply the trade where a strong plow is demanded for difficult road plowing and unusually heavy work.

No.		Each
24.	With Wheel, 7x14 in.....	\$34.50
25.	Iron Beam with Gauge Iron, Shoe and Extra Pick, Wheel and Gauge Iron .....	45.00

## OLIVER NO. 1 ROAD and GRADING PLOW

Made especially for road and heavy grading work and will penetrate the hardest soil.

No. 1.	R and G, 10x12 in., 220 lbs., Complete....	Each \$67.50
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## OLIVER NO. 23A REVERSIBLE SULKY PLOW

No. 23A.	For Two or Three Horses. Furrow 7x14 in. Complete with Jointers or Cutters.....	Each \$110.00
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## OLIVER TRACTOR PLOWS

By means of an adjustable hitch these Plows can be used with any make of tractor.

No. 135. Oliver 2-Bottom Tractor Plow. 14 inch cut.	Each \$115.00
No. 134. XX Oliver 1-Bottom Tractor Plow. 16 inch cut .....	Each 110.00

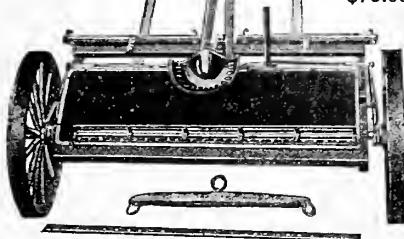
## THE STEVENS HORSE FERTILIZER-SOWER



Sows all kinds of fertilizers broadcast, or can be arranged for drills.

Regular size, sows 5 ft. 10 in. Each \$70.00.

Extra large size, sows 8 ft. 3 in. Each \$75.00.



## THE STEVENS HAND FERTILIZER-SOWER

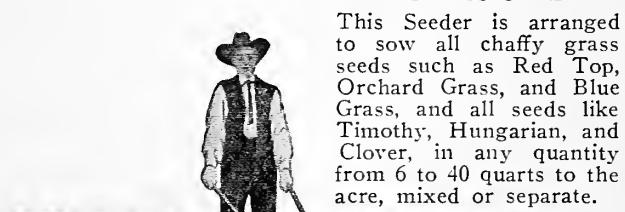
(The finest Golf Greens and Lawns can be obtained only by an even distribution of fertilizers)

It can be successfully used for fertilizing strawberry beds, and other garden and field work; is excellent for sifting wood- or coal-ashes, sawdust or dry sand on icy walks, 34 in.

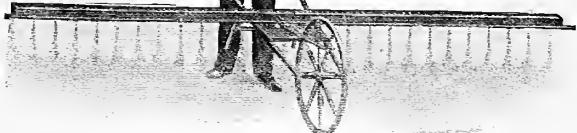
Price each .....

\$25.00

## THOMPSON'S WHEELBARROW GRASS SEEDER



This Seeder is arranged to sow all chaffy grass seeds such as Red Top, Orchard Grass, and Blue Grass, and all seeds like Timothy, Hungarian, and Clover, in any quantity from 6 to 40 quarts to the acre, mixed or separate.



No. 5. Seeder complete with 14 ft. hopper..... Each \$18.00

No. 4. Grain Hopper only .....

Each 12.00

## THOMPSON'S "GOLF SPECIAL" SOWER

A duplex machine: one side sows all smooth seeds the size of Clover, Timothy, or Alfalfa; by reversing the hopper it sows solid or recleaned seeds such as Red Top, Orchard Grass, Blue Grass, Sudan Grass, or others of the same size and nature. Any quantity per acre can be sown.

No. 95. Golf Special Sower complete .....

Each \$25.00

## THOMPSON'S GOLF POWDER SOWER

For sowing dry Bordeaux Mixture and other powders on greens that are infected with fungus growths.

No. 17. Golf Special Sower, complete .....

Each \$23.00

No. 17. Golf Special Powder Sower hopper only ..

Each 16.00

## CAHOON'S PATENT BROADCAST SEED SOWER

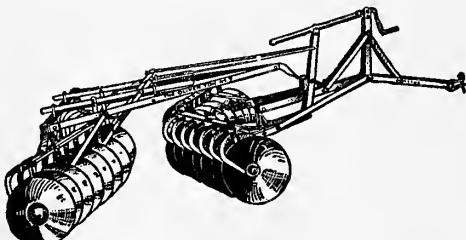
Sows all kinds of grain and grass seed from 4 to 8 acres per hour .....

Each \$5.00

# HARROWS AND MOWING MACHINES

## OLIVER NO. 7 TDH TRACTOR DISC HARROW

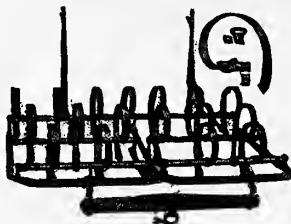
No. 7 TDH. Twenty-eight 16-inch discs; 7 feet cut. Adjustable hitch. Can be used on all types of tractors. Each \$115.00  
(Can be furnished also in other sizes; prices and descriptive circulars mailed on application)



Oliver No. 7 TDH Tractor Disc Harrow

## OLIVER TWO-HORSE SPRING-TOOTH HARROW

Two Horse, 15-Tooth, 2 Section with Whiffletree. Each \$30.00



Oliver Two-horse Spring-tooth Harrow

## OLIVER ONE-HORSE SPRING-TOOTH HARROW

One Horse, 9-Tooth, 1 Section with handles and Whiffletree ..... Each \$20.00

## OLIVER STEEL LEVER HARROW, "A" SERIES

Steel-Bar Lever Harrows represent the best class of harrowing implements ever offered to the farmer, and are fast superseding all other varieties for general farm work.

Two Section with Draw Bar, 60 teeth..... Each \$26.00



Oliver Steel Lever Harrow, "A" Series

## OLIVER WALKING WEEDER

No. 1. With runners. 8 feet wide..... Each \$20.00

## ACME HARROWS

No. 6 3' 2"	One Horse	Each \$22.50
No. 8 4' 4"	One Horse	Each 31.50
No. 12F 6' 6"	Two Horse	Each 40.50
Coulters and Shoes, Standard		Each 1.20
Coulters No. XL type		Each 1.20

## SINGLE ROW WING POTATO HOE

For the cultivation of potatoes, corn, and other hoed crops. Both hoes are used for covering. When planting is done by hand, these hoes are used to open furrows..... Each \$25.00

## CLARK'S CUTAWAY GROVE HARROW

No. 05. Twelve 14-in. Discs, 4½ ft. cut, One Horse \$33.75

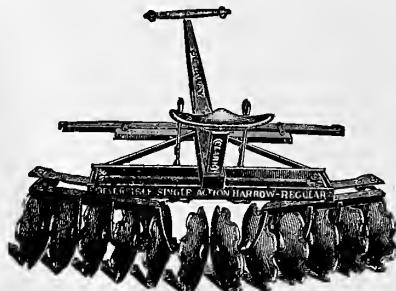
## CLARK'S CUTAWAY SMOOTHING HARROW

No. 8H. 8 ft. wide. Two Horse. Heavy..... Each \$47.00

## CLARK'S CUTAWAY HARROWS

This Single Action Cutaway Harrow is reversible, light, strong, durable, and efficient.

No. A4. Eight 16-in. Discs, 4 ft., One Horse.... Each \$42.30  
No. A6. Twelve 16-in. Discs, 6 ft., Two Horse... Each 52.00



No. A6. Cutaway Single Action Harrow

## CLARK'S DOUBLE ACTION CUTAWAY HARROWS

These machines are regularly equipped with the ordinary rigid pole, and with hitch, neck yoke and wrench. Jointed Pole extra. Transport Trucks extra.

No. A5. Twenty 16-in. Discs, 5½ ft. cut..... Each \$87.45  
(Descriptive Catalogue of Clark's Cutaway Tools mailed on application)

## CLARK'S CUTAWAY TRACTOR DISC HARROWS

Designed and built in every particular to meet the needs and requirements of tractor service.

## THE MEEKER SMOOTHING HARROWS

Designed especially for Market Gardeners' work

Two Horse, 6' 8"x6'; 58 inch Discs	..... Each \$45.00
One Horse, 4' 6"x4'; 46 eight inch Discs	..... Each 40.00
Hand Disking Machine	..... Each 35.00



Meeker Smoothing Harrow

## HEAVY SERVICE DOUBLE ACTION TRACTOR HARROW

For tractors delivering 10 or more drawbar horse power.

## LIGHT SERVICE DOUBLE ACTION TRACTOR HARROW

For tractors delivering 5 or more drawbar horse power.  
(Descriptive circulars and prices on application)

## MOWING MACHINES

### CHAMPION MOWING MACHINES

One-Horse Champion Mower, built to cut 3½ feet.	
Two-Horse Champion Mower, built to cut 5 feet.	
Catalogue. Prices on application.	

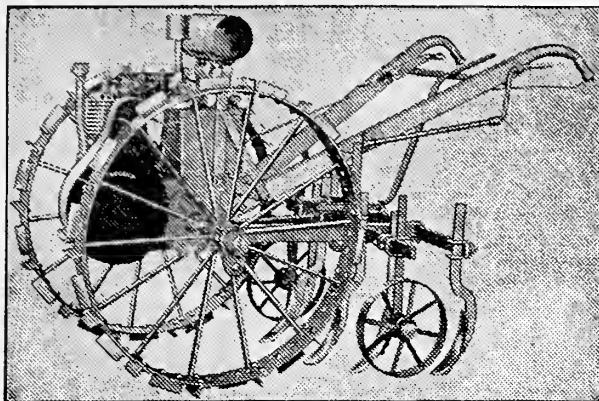
## THE CHAMPION HORSE HAY RAKE

The Champion rakes heavy hay, green hay or scatterings, but digs no sod. It dumps cleanly and quickly. Prices on application.

## THE BULLARD HAY TEDDER

Six fork size can be equipped with combination for one or two horses. Price on application.

## Standard Garden Tractor



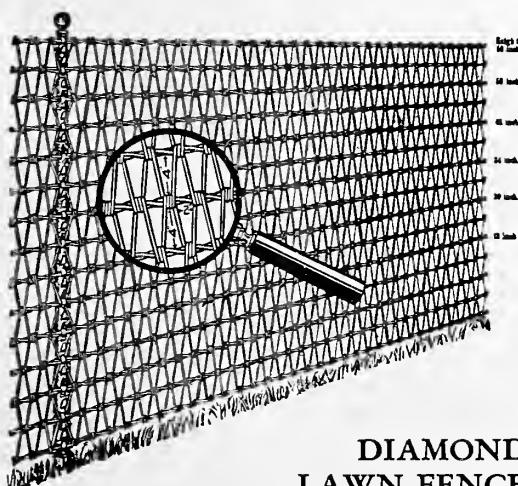
Field Lugs  
Double Draw Bar  
Special Tool Control  
2 Caster Wheels  
Air Cleaner  
2 Front Tool Posts

2 Rear Tool Posts  
2 Straight Tool Posts  
6 Steels  
All Required  
Clamps and Bolts

The Standard Tractor is a practical machine—resulting from the knowledge which the world has accumulated in the handling of power machinery—that will go into your fields and enable you to spend your energy in the mental direction of that power, rather than in the back breaking effort of developing it.

The power plant in the Standard Tractor is a one cylinder, four cycle, air cooled, gas engine; made particularly for this work. It is not a stationary farm engine or high speed motor bicycle engine belted up on a garden tractor; but a specially built heavy duty, moderate speed engine with big bearings and big motor parts; made for the STANDARD GARDEN TRACTOR. It is 3 inch bore by 3 inch stroke, giving it a horse-power rating of 3½ H.P.

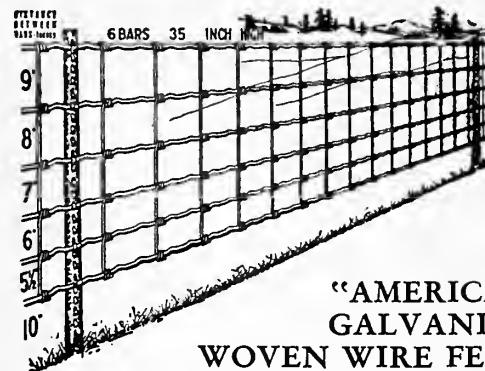
**Complete Catalog covering Tractor and extra attachment mailed on request. Price on application.**



**DIAMOND  
LAWN FENCE**

42 inch Non Climable. Specification No. 1.....Per rod \$1.90  
50 inch Non Climable. Specification No. 1.....Per rod 2.20  
58 inch Non Climable. Specification No. 1.....Per rod 2.50

Bales contain 10 rods. Above sizes carried in stock, Boston. Prices above are for Full Bales. Special prices for cut lengths.



**"AMERICAN"  
GALVANIZED  
WOVEN WIRE FENCE**

### FARM FENCE

Prices given per rod (16½ feet)

	Per rod
No. 635. 35 in. 12 in. Stays, Specification No. 11.....	\$0.55
No. 832. 32 in. 6 in. Stays, Specification No. 12½.....	.65
No. 845. 45 in. 12 in. Stays, Specification No. 11.....	.70
No. 1047. 47 in. 12 in. Stays, Specification No. 11.....	.80
No. 1047. 47 in. 6 in. Stays, Specification No. 11.....	1.10
No. 1155. 55 in. 12 in. Stays, Specification No. 11.....	.90

### POULTRY FENCE

Per rod

No. 2158. 58 in. 6 in. Stays, Specification No. 14½.....	.95
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### GALVANIZED POULTRY NETTING STAPLES

Netting staples in 1 pound packages .....	Per lb. \$0.15
Netting staples in less than keg lots .....	Per lb. .11
Netting staples in 100 pound kegs .....	Per lb. .10

### WIRE MESH TREE GUARDS

Wire Mesh, 15x4 in. for protecting young trees from rabbits, mice, etc. ....	Each \$0.15
--	-------------

### "IMPERIAL" FENCE

Heavily galvanized with pickets 2½ inches apart at bottom. 36-inch. Style "EI" Fabric .....	Per foot \$0.18
42-inch. Style "EI" Fabric .....	Per foot .20
48-inch. Style "EI" Fabric .....	Per foot .23

### IMPERIAL WALK GATE

For 3-foot Opening .....	Each \$5.00
For 3½-foot Opening .....	Each 5.25

### IMPERIAL FLOWER BED GUARD

16 inches high .....	Per foot \$0.11
22 inches high .....	Per foot .12

### IMPERIAL TRELLIS

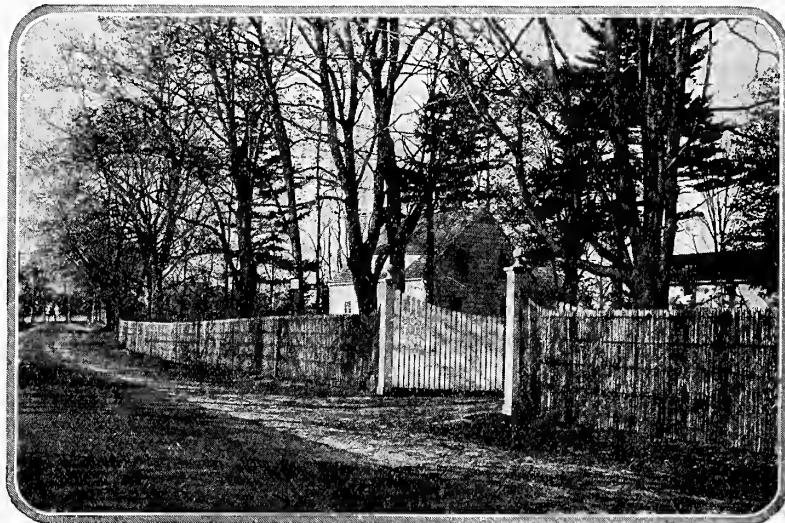
18 inches wide .....	Per foot \$0.12
24 inches wide .....	per foot .15

Above prices are for full bales. When cut lengths are ordered add .03c per ft. to the prices quoted. Imperial Fences for Poultry, Rabbits, Hogs, and Stock, also posts, are carried in stock in Boston. Catalog mailed on application.

**ORNAMENTAL FENCE DEPT.  
EXCELSIOR CHAIN LINK, RUST PROOF FENCES  
AND GATES.**

**ESTIMATES GIVEN ON COMPLETE FENCE  
ERECTED.**

**FOR NATURAL WOOD FENCES SEE FOLLOWING  
PAGE FOR COMPLETE DESCRIPTIONS, ILLUS-  
TRATIONS AND PRICES.**



## DUBOIS WOVEN WOOD FENCE AND OTHER REEVES' FENCES

The trouble about using certain types of Fences, notably wire or iron, to surround an estate or enclose a garden is that every so often they have to be painted, and this means tearing down vines and uprooting things generally. But with Dubois Woven Wood Fence, it's different.

This remarkable product of French skill and artistry has no paint problem whatsoever. Once it's up, the owner is through with it, while it merely mellows with the passing years—ten, twenty, even thirty with never a need for a paint brush, and with no other demand for maintenance expense.

That is why, among a host of other reasons, Dubois is so ideally suited for use in gardens or wherever a good screen, background, or windbreak for flowers and shrubbery is needed. You can train vines to grow over it, run a row of climbing roses along it, or set out a hedge alongside it with never a thought of having to disturb them once they have become a part of this picture.

Dubois is made of split, live, chestnut saplings closely woven together, and bound with heavy, Copperweld wire—absolutely rustproof!

### HOW DUBOIS MAY BE USED

Hundreds of applications of this sturdy fence have been made since it was first brought to this country several years ago, among which may be mentioned:

Background for Planting

Snow Fence

Division Fences

Wind Breaks

Screening Compost Heaps, Drive-ways, Laundry Yards, and Service Yards

Winter Protection for New Planting Apartment Roof Gardens

Prices quoted are all F.O.B. New York warehouse where the Importers carry a complete stock at all times. We are the New England distributors for all Dubois, Cleft Chestnut and Reeveshire Hurdle Fences, and samples of the complete line are on display at 85 State St., Boston.

Complete catalog sent on request.

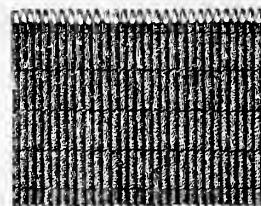
## HABITANT FENCES

Realizing the charm of Rustic Fences for numerous purposes, about small, as well as large estates, architects are including them more and more in their specifications. Anticipating this demand, The Habitant Shops are now manufacturing what are termed Habitant Fences in many designs of exceptional beauty.

They are made of Northern White Cedar and the life

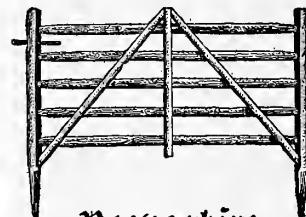
of this wood is almost indefinite and as time goes on it assumes a beautiful dark silver grey tone. Built in standard sections 7 ft. 6 in. long with Gates to match complete with posts.

We are the New England distributors for Habitant Fences, and will be pleased to send you photographs and prices upon request. A complete line of full size samples may be seen at 85 State Street.



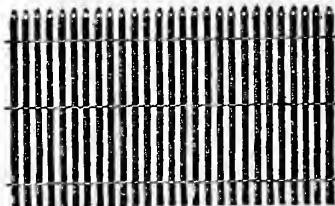
### DUBOIS WOVEN WOOD FENCE

18"	High	\$ .75 per lineal foot
3' 10"	"	1.45 " "
4' 11"	"	1.65 " "
6' 6"	"	1.95 " "
		3 ft. Walk Gates
3' 10"	High	\$18.50 each
4' 11"	"	19.50 "
6' 6"	"	21.50 "
		10 ft. wide Double Drive Gates
		Prices on application



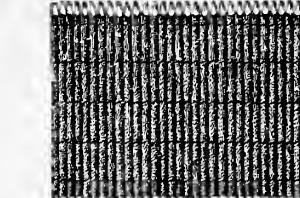
### Reeveshire HURDLE FENCE

4 Bar	Hurdles	\$2.75 per section
5 "	"	2.95 " "
6 "	"	3.15 " "
		Hurdle Gates
4 Bar		\$8.00 each
5 "		8.25 "
6 "		8.50 "



### CLEFT CHESTNUT FENCING

3' 10"	High	\$ .50 per lineal foot
4' 11"	"	.65 " "
6' 6"	"	.90 " "
		3 ft. Walk Gates
3' 10"	High	\$12.00 each
4' 11"	"	13.50 "
6' 6"	"	15.00 "
		10 ft. wide Double Drive Gates
		Prices on application



**IMPLEMENTS,  
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Hollyhock	8, 24, 45	Monkey Flower	46	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Tilia	114				
Honesty	46	Monardia	148	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Honeysuckle Bush	118				
Gypsophila	23, 44	Monardia	148	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Tree of Heaven	110				
Hardy Pinks	41	Montbretia	92	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Trumpet Vine	122				
Heather	44	Moon Flower	24	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Tsuga	107				
Helenium	44	Morning Glory	24	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Tulip Tree	112				
Helianthus	33	Moonflower	24	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Ulmus	114				
Helichrysum	24	Mourning Bride	32	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Umbrella Tree	111				
Helianthemum	145	Mourning Bride	32	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Vaccinium	121				
Heliospina	44	Mourning Bride	32	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Ilex	117				
Helleborus	5, 145	Mourning Bride	32	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Virginia Creeper	122				
Hemerocallis	145	Mourning Bride	32	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Virginia's Bower	122				
Hesperis	44	Mourning Bride	32	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Walnut	112				
Heuchera	45	Mourning Bride	32	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Weigela	121				
Hibiscus	24, 45	Mourning Bride	32	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	White Fringe	111				
Hollyhock	8, 24, 45	Mourning Bride	32	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Whitewood	112				
Honesty	46	Mourning Bride	32	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Willow	114, 124				
Gypsophila	23, 44	Mourning Bride	32	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Wistaria	123				
Hardy Pinks	41	Mourning Bride	32	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Witch Hazel	117				
Heather	44	Mourning Bride	32	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Woodbine	122				
Helenium	44	Mourning Bride	32	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Yew	106				
Helianthus	33	Mourning Bride	32	Poppy	14, 149	Polygonatum	150	Tulip	10, 116	Zanthorhiza	121				
Helichrysum	24	Mourning Bride	32	Poppy	14, 149	Polygonatum	150</								

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**Our Prices do not Include Delivery**

**NOTICE:** We give no warranty express or implied as to description, quality, productiveness, or any other matter of any nursery stock, plants, bulbs, or seeds we sell, and will not be in any way responsible for the crop. Breck-Robinson Nursery Co.

Order  
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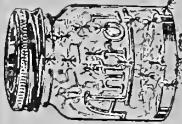
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Enclosed

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**AMOUNT ENCLOSED**

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State

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Express

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**NOTICE:**—We give no warranty expressed or implied as to description, quality, productiveness, or any other matter of any seeds, bulbs, nursery stock, or plants we sell, and will not be in any way responsible for the crop.

*Joseph Breck & Sons Corporation*

(LEAVE THIS SPACE BELOW BLANK)

## TERMS

## DELIVERY

## REMITTANCES

## SHIPMENTS

## PACKING

### **ORDERS**

In filling out the enclosed Order Forms, or in ordering by letter, please be sure to write your name and address legibly. PRINT THEM IF YOU PLEASE.

WE EARNESTLY BEG OF YOU TO GET YOUR ORDERS ENTERED EARLY FOR OUR MUTUAL ADVANTAGE: because it insures your receiving all the items you desire, (a supply of some varieties of seeds is limited this year); and also you will receive your Garden Supplies, in ample time before the first warm planting days arrive.

PLEASE ADDRESS ALL COMMUNICATIONS TO THE HOUSE WITH THE EXCEPTION OF ORDERS FOR NURSERY STOCK OR INQUIRIES RELATIVE THERETO WHICH SHOULD BE SENT TO THE LEXINGTON OFFICE.

All correspondence except that relative to Nursery Stock should be addressed to BRECK'S, 85 State Street, Boston.

### **REMITTANCES**

When sending a remittance it is safest to use a Money Order or Check. If currency is sent, please be sure to forward it by registered mail.

### **CHARGE ACCOUNTS**

Some people who order a considerable quantity of merchandise in a year find it more convenient to establish a charge account and in such cases we are glad to accommodate them on receiving satisfactory credit references.

### **DELIVERY**

When cash accompanies the order we prepay carriage to any point in the United States on all Vegetable and Flower Seeds in packets, ounces, quarter-pounds, half-pounds, and one pounds at the prices quoted herein EXCEPT ON PEAS, BEANS, AND CORN. We also prepay carriage on Cash Orders for Bulbs at the single and dozen rate.

Our prices do not include carriage on Peas, Beans, and Corn, Seeds in bulk, Nursery Stock, or Plants of any kind, Fertilizers, Insecticides, Implements, Tools or Horticultural Sundries. These are forwarded by Parcel Post, Express or Freight as the purchaser may direct, but at the purchaser's expense. In the event of there being no written shipping instructions on an order, we shall use our best judgment and ship in a way that will best protect the interests of the customer.

All Nursery Stock is sold F.O.B. Lexington, Mass., unless special arrangements are made regarding delivery at the time the order is placed. We recommend that all Nursery Stock be shipped by express or motor truck. Parcel Post shipment of plants is not recommended.

NURSERY STOCK IS NEVER SHIPPED C.O.D., unless the order when placed is accompanied by 25% of the purchase price.

### **PACKING**

We make no charge for boxes or packing on orders at the prices noted in this catalogue except where unusual packing is required on shipments such as Flower Pots, Fancy Pottery, and other such fragile articles, or on Hot Bed Sash and certain specimen Shrubs and Plants that require extraordinary care in packing.

We charge extra for Seed Bags at value.

### **TERMS**

NET CASH.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

All quotations subject to immediate acceptance, market changes, and stock unsold.

All shipments made in good order and proper bills of lading or receipts taken therefor, after which our responsibility ceases. For large quantities and for export special prices will be quoted. IF GOODS ARE WANTED

C. O. D. 25 PER CENT OF THE AMOUNT MUST ACCOMPANY THE ORDER. The Post Office does not permit examination of C. O. D. Parcel Post packages.

WE MAKE NO CHARGE FOR SHIPPING OR CARTING GOODS TO ANY RAILROAD STATION, STEAMSHIP LINE, OR EXPRESS OFFICE IN BOSTON.

**READ CAREFULLY IMPORTANT INFORMATION**

### **PARCEL POST and EXPRESS**

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Sixth Zone, within 1000 to 1400 miles.....	.10	.08
Seventh Zone, within 1400 to 1800 miles..	.12	.10
Eighth Zone, over 1800 miles .....	.13	.12

### **NON WARRANTY**

Inasmuch as we cannot control Nature and the conditions affecting the successful growing of Seeds, Bulbs, Plants and Nursery Stock, such as unfavorable weather, soil, moisture, planting, cultivation, insects and the like, we can not and will not give any warranty express or implied as to description, quality, productiveness, or any other matter of any Seeds, Bulbs, Nursery Stock, or Plants we sell, and we will not be in any way responsible for the crop. Every order for such goods will be executed on these conditions only. Employees are forbidden to give warranties or guarantees.

Joseph Breck & Sons Corporation.  
Breck-Robinson Nursery Co.

### **WAREHOUSES**

17-24 Lewis Wharf, Boston

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RETAIL STORE  
85 State St., Boston

Telephone connecting all Departments Hubbard 1662

**NURSERIES**  
Munroe Station, Lexington, Mass.

